Vacant Positions for Tamil Nadu,TNeGA

1. Enterprise Architect

Qualification:
- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology or related field
- 15+ years of experience in enterprise software development in a highly technical and analytical role
- At least 3+ years experience in developing Enterprise Architecture frameworks that align strategy, processes, and IT assets with business goals for large enterprise/public sector/government entities

Responsibilities:
- Provide strategic, architecture level consultancy services to Government Agencies in design and implementation of large, state-wide systems for e-Governance.
- Choosing the system architecture, individual components including Infra, cloud environments, Software, Managed services, Data and define their interfaces.
- Work with department stakeholders to translate governance problems into data and application designs.
- Develop and set data standards for an organization.
- Define and evaluate the Tech standards across the projects for scalability, maintainability and security.
- Define and evaluate risk framework from data security, QoS across several projects of the organization.
- Development of guidelines, working procedures and frameworks for application development, data integration, application and data security.
- Communicate the benefits of data & application standards, championing and governing those standards across the organization.

Technical Skills:
- Expert in advanced software engineering concepts (design patterns, object oriented, web services, code generation, and test-driven development)
- Proven experience formulating IT strategy and setting up IT systems including budgeting, technology selection, & strategy, business proposal and RFP preparation for large enterprises/public sector/government entities.
- Experience in undertaking Government Process Re-engineering by the line departments for efficient service delivery and improving citizen experiences.
- Extensive experience with Smart City/IoT/Digital Transformation/e-Governance initiatives is highly desirable.
- Experience in distributed systems and event-driven architecture. Well-honed large-scale design and implementation skills with broad and deep experience in algorithms, service bus, and multi-threaded programming, API integration & management.
- Strong programming proficiency & experience with languages such as C++/Java, PHP, Python, Ruby, Go etc.,
- Proven ability to develop data models for different use cases and perspectives that could be consumed for application development, API design, Machine Learning.

- Understands a variety of metadata management tools. Has successfully designed and maintained metadata repositories for large enterprises to facilitate data driven application development, integration and produce analytics.
- Extensive experience with relational databases (tables, triggers, unions, joins, complex queries, stored procedures), NoSQL (like Cassandra, MongoDB), Apache Ignite and Elasticsearch and XML/SOAP/web services
- Experience with/good knowledge of secure application development practices, authentication frameworks for SSO etc.,
- Should have knowledge of Continuous integration and continuous deployment (CI/CD) using Git/CVS/SVN and Jenkins.
- Product knowledge and understanding of IaaS/PaaS platforms including: AWS, Microsoft Azure, Google Cloud, micro services architecture, Linux Container like Dockers and orchestration platforms like Kubernetes
- Risk assessment, enterprise IT procurement & vendor management experience is highly desirable
- Experience with agile software development (including TDD and BDD and tools such as Selenium and Cucumber)
- Knowledge in emerging technologies like AI, Block chain and Internet of Things (IOT) is highly desirable

Business Requirement:
- Ability to quickly understanding business requirements and proposing reference architectures and technology solutions.
- Ability to drive discussions with senior personnel regarding trade-offs, best practices, project management and risk mitigation.
- Ability to develop innovative solutions to complex business and technology problems.
- Excellent leadership and interpersonal skills
- Strong verbal and written communication skills, including the ability to present complex material to wide range of audiences in plain language
- Ability to multi-task, manage projects, set time frames, and meet deadlines
- Ability to work as team player, comfortable with fast paced, changing environment and ambiguity

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/000/Enterprise%20Architect

2. Solution Architect – Business Intelligence & Analytics

Qualification:
- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology/Quantitative field such as Statistics, Operations Research, Mathematics etc., or related field.
- Atleast 5+ years experience developing, maintaining and managing advanced reporting, analytics, dashboards and other BI solutions.

Responsibilities:

- Influencing governance decisions by providing quantitative/qualitative data analysis, which bring out insights and trends pertaining to e-governance system performance, service delivery etc.
- Ability to lead and collaborate with cross-functional team to come up with actionable, high-impact insights across line departments and processes.
- Communicating findings to stakeholders and providing recommendations to stakeholders for improving e-Governance.
- Ensure that data and analysis is presented in a format that is appropriate for a varied audience using data visualization, dashboards, or other methods.
- Utilize strong database skills to work with large, complex data sets to extract insights.
- Filter and cleanse unstructured (or ambiguous) data into usable data sets that can be analyzed to extract insights and improve business processes.
- Drive process/system improvements basis ongoing trends/gaps identified

Technical Skills:
- 3+ years experience in integrating data visualization tools successfully with Big Data ecosystem
- Experience in implementation of end-to-end BI life-cycle projects including dimensional modeling, ETL/ integration
- Processes and metadata modeling
- Data visualization tools like Tableau, Power BI, Qlik View etc.
- Experience in handling structured and unstructured data.
- Expertise with SQL and experience working with different data bases
- Experience with data management (data quality, data lineage, data mapping)
- Experience developing using the following technologies: JavaScript, JQuery CSS/CSS3 and HTML/HTML5, Bootstrap

Business Requirement:
- 3+ years experience in integrating data visualization tools successfully with Big Data ecosystem
- Experience in implementation of end-to-end BI life-cycle projects including dimensional modeling, ETL/ integration
- Processes and metadata modeling
- Data visualization tools like Tableau, Power BI, Qlik View etc.
- Experience in handling structured and unstructured data.
- Expertise with SQL and experience working with different data bases
- Experience with data management (data quality, data lineage, data mapping)
- Experience developing using the following technologies: JavaScript, JQuery CSS/CSS3 and HTML/HTML5, Bootstrap

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/001/Business%20Intelligence%20&%20Analytics

3. Tech Lead - Portal – Frontend

Qualification:

- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology or related field.
- 10+ years of experience in UI and web application development
- At least 2+ years of experience as a hands-on UI lead/architect

Responsibilities:
- Implement UI features for e-Governance applications being developed/in use by Government Departments.
- Develop proof of concepts (POCs) and solutions to check if the recommended solution is feasible with the existing system/framework
- Own and create intuitive, fluent and responsive user interfaces.
- Build fast-rendering reusable and extendable front-end components using modern frameworks such as Angular, React etc.,
- Build individual components as well as entire web applications.
- Collaborate with User departments, Designers, Business Analysts and developers.
- Work with backend software development engineers to finalize API contracts that will be consumed by client application.
- Develop a testing harness and strategy.
- Manage front end development & release activities through the use of CI/CD build/deploy systems.

Technical Skills:
- Track record delivering front-end software that is correct, stable, high performance, secure, and accessibility compliant.
- Strong JavaScript fundamentals and knowledge of ES6+, HTML 5, CSS3
- Experience with UI frameworks such as React, Angular, Vue.js
- Solid knowledge of common JavaScript design patterns
- Good working knowledge of CSS pre-processors, webpack, JSX, and Node.js, task runners
- Good working knowledge of UI component libraries like Bootstrap, Material UI
- Proficient in view layout and rendering technologies (e.g., responsiveness, progressive enhancement, browser/device support)
- Understands how to optimize the delivery of code and assets (e.g., images, fonts) to a browser or device (e.g., lazy loading assets, caching, compression, etc.)
- Proficient understanding of cross-browser compatibility issues and ways to work around them.
- Familiarity with Maps APIs and with the process of rendering geospatial data and information into interactive visualizations
- Good understanding of SEO principles and ensuring that application will adhere to them.
- Hands on experience in writing unit tests using frameworks like Jasmine, Jest
- Hands on experience with state management libraries like Redux, RXJS and data structure libraries like Immutable JS
- Familiar with accessibility standards and tools used to tests for accessibility

Business Requirement:
- Ability to quickly understanding business requirements and proposing reference architectures and technology solutions.

- Ability to drive discussions with senior personnel regarding trade-offs, best practices, project management and risk mitigation.
- Ability to develop innovative solutions to complex business and technology problems.
- Excellent leadership and interpersonal skills.
- Strong verbal and written communication skills, including the ability to present complex material to wide range of audiences in plain language.
- Ability to multi-task, manage projects, set time frames, and meet deadlines.
- Ability to work as team player, comfortable with fast paced, changing environment and ambiguity.

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/002/Tech%20Lead%20-%20Portal%20%E2%80%93%20Frontend

4. Tech Lead GIS

Qualification:

- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology or related field.
- 5+ years of experience in UI and web application development
- At least 2+ years of experience as a hands-on Lead Analyst/Architect

Responsibilities:

- Develop location intelligence (LI) solutions delivered on both web and mobile platforms.
- Develop mapping applications and tools analysing spatial data, discovering patterns, producing maps and reports.
- Develop proof of concepts (POCs) and solutions to check if the recommended solution is feasible with the existing system/framework
- Own and create intuitive, flue developing mapping applications and tools and responsive user interfaces.
- Build fast-rendering reusable and extendable front-end components using modern frameworks such as Angular, React etc.,
- Build individual components as well as entire web applications.
- Collaborate with User departments, Designers, Business Analysts and developers.
- Work with backend software development engineers to finalize API contracts that will be consumed by client application.
- Develop a testing harness and strategy.
- Manage front end development & release activities through the use of CI/CD build/deploy systems.

Technical Skills:
- Extensive programming experience with Quantum GIS Python Plugins, Google Maps JavaScript API, and related technologies
- Significant experience using GRASS, PostGIS and GeoServer is a must.

- Strong JavaScript fundamentals and knowledge of ES6+, HTML 5, CSS3
- Strong programming experience using Python/SQL is a must
- Experience with UI frameworks such as React, Angular, Vue.js
- Solid knowledge of common JavaScript design patterns
- Good working knowledge of CSS pre-processors, webpack, JSX, and Node.js, task runners
- Track record delivering front-end software that is correct, stable, high performance, secure, and accessibility compliant.
- Proficient in view layout and rendering technologies (e.g., responsiveness, progressive enhancement, browser/device support)
- Understands how to optimize the delivery of code and assets (e.g., images, fonts) to a browser or device (e.g., lazy loading assets, caching, compression, etc.)
- Proficient understanding of cross-browser compatibility issues and ways to work around them.
- Hands on experience in writing unit tests using frameworks like Jasmine, Jest
- Hands on experience with state management libraries like Redux, RXJS and data structure libraries like Immutable JS
- Familiar with accessibility standards and tools used to tests for accessibility

Business Requirement:
- Ability to quickly understanding business requirements and proposing reference architectures and technology solutions.
- Ability to drive discussions with senior personnel regarding trade-offs, best practices, project management and risk mitigation.
- Ability to develop innovative solutions to complex business and technology problems.
- Excellent leadership and interpersonal skills.
- Strong verbal and written communication skills, including the ability to present complex material to wide range of audiences in plain language.
- Ability to multi-task, manages projects, set time frames, and meet deadlines.
- Ability to work as team player, comfortable with fast paced, changing environment and ambiguity.

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/003/Tech%20Lead%20GIS

5. Tech Lead Web Technologies

Qualification:

- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology or related field.
- 10+ years of experience in enterprise software development in a highly technical and analytical role
- At least 2+ years experience in architecting/designing and developing multi-tier applications in Java.

Responsibilities:

- Lead & manage a team of software developers, front-end and back-end development engineers, database administrators and business analysts
- Lead architecture and design of integrated e-governance systems across departments.
- Lead the design, development, implementation and maintenance of a suite of application programs, subsystems, revisions and enhancements
- Select apt design solutions and work alongside engineers to ensure the compatibility of system components
- Develop design specifications and other system-related documentation
- Provide technical guidance and support the development of systems components
- Do hands-on development of critical components
- Recommend changes to application design to improve efficiency and scalability
- Verify stability, interoperability, portability, security, and scalability of system architecture
- Work closely with all stakeholders including end user department, external vendors, start-ups and academic partners as needed
- Ensure compliance with established architecture, design patterns, policies, standards, and best practices
- Drive the adoption of standards and best practices and promote reuse.

Technical Skills:
- Deep knowledge of enterprise architecture and design patterns
- Proven experience with Core Java, Spring (ORM, Security, MVC, AOP and Integration Framework), Spring Boot and JPA / Hibernate
- Should know any JMS implementations (ActiveMQ, RabbitMQ, IBM MQ etc.)
- Experience with JavaScript, AJAX, jQuery, ES6 and Bootstrap. Experience on front-end MV* frameworks like Angular, React, Vue etc.,
- Knowledge of/Experience with other back-end programming languages e.g. PHP, Python, Ruby, etc.,
- Should have experience with Relational Databases (SQL, PL/SQL), NoSQL (like Cassandra), Apache Ignite and Elasticsearch.
- Experience on Web services protocols like REST, SOAP and experience in developing using HTTP
- Experience with/good knowledge of secure application development practices, authentication frameworks for SSO etc.,
- Should have knowledge of Continuous integration and continuous deployment (CD/CI) using Git/CVS/SVN and Jenkins.
- Good knowledge of micro services architecture, Linux Container like Dockers and orchestration platforms like Kubernetes, docker swarm and compose etc.
- Experience with cloud platforms (AWS, Azure, etc.) and cloud native design is highly desirable
- Knowledge in emerging technologies like AI, Block chain and Internet of Things (IOT) is highly desirable

Business Requirement:
- Ability to quickly understanding business requirements and proposing reference architectures and technology solutions.
- Ability to drive discussions with senior personnel regarding trade-offs, best practices, project management and risk mitigation.
- Ability to develop innovative solutions to complex business and technology problems.
- Excellent leadership and interpersonal skills.

- Strong verbal and written communication skills, including the ability to present complex material to wide range of audiences in plain language.
- Ability to multi-task, manages projects, set time frames, and meet deadlines.
- Ability to work as team player, comfortable with fast paced, changing environment and ambiguity.

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/004/Tech%20Lead%20Web%20Technologies

6. Infrastructure Support Engineer

Qualification:

- BE / B Tech / MCA /   MSc /   ME / M Tech   in Computer Science/Information Technology or related field
- 5+ years experience working in an Enterprise grade infrastructure environment.
- 2+ years experience in planning, designing Implementation & troubleshooting solutions hosted in Azure/AWS cloud infrastructure

Technical Skills :

- Should have good understanding of IT Infrastructure viz. Servers, Networking Fundamentals, Storage, Security etc. OS Admin for Windows/Linux.
- Experienced in public cloud enablement, including policies, network architecture…
- AWS/Azure operational experience including monitoring, cost management, network troubleshooting and configuration changes
- Understanding of Cloud and virtualization-based technologies, e.g. Docker, VMWare, OpenStack
- Experience on Version Control system (GitHub preferred)
- Proficient on AWS Cloud (EC2, EC2 Container Service, S3, Elastic File System, Elastic Beanstalk, Lambda, RDS)
- Should have sound Knowledge of Azure Services viz. VMs, Storage Accounts, Vnet, Subnet, NSG, Load Balancing, Auto Scaling.
- Azure network experience, VPN and Express route, Azure DNS, Traffic Manager, and Load Balancers.

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/005/Infrastructure%20Support%20Engineer

7. Software Engineer (Data Engineer)

Qualification :

- BE / B Tech / MCA /   MSc /   ME / M Tech   in Computer Science/Information Technology or related field with 3+ years experience developing ETLs and Reports/Dashboards working with large datasets

Technical Skills :

- Strong experience in Object-oriented/object function scripting languages: Python, Java, C++, Scala, etc.
- Advanced SQL knowledge and experience working with relational databases.
- Strong analytic skills related to working with structured datasets.
- Proficient in Relational SQL and NoSQL databases - Postgres and MongoDB.
- Working knowledge with big data frameworks - Hadoop & Spark
- Curious about Data

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/006/Software%20Engineer%20-%20Data%20Engineer

8. Software Engineer (Front-end Developer)

Qualification :

- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology or related field with 3+ years experience developing Enterprise scale applications

Technical Skills :

- Strong JavaScript fundamentals and knowledge of ES6+, HTML 5, CSS3
- Experience with UI frameworks such as React, Angular, Vue.js
- Solid knowledge of common JavaScript design patterns
- Good working knowledge of CSS pre-processors, webpack, JSX, and Node.js, task runners
- Good working knowledge of UI component libraries like Bootstrap, Material UI
- Proficient in view layout and rendering technologies (e.g., responsiveness, progressive enhancement, browser/device support)
- Understands how to optimize the delivery of code and assets (e.g., images, fonts) to a browser or device (e.g., lazy loading assets, caching, compression, etc.)
- Proficient understanding of cross-browser compatibility issues and ways to work around them
- Familiarity with Maps APIs and with the process of rendering geospatial data and information into interactive visualizations

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/007/Software%20Engineer%20-%20Front-end%20Developer

9. Programmer

Qualification :

- BE / B Tech / MCA /   MSc /   ME / M Tech   in Computer Science/Information Technology or related field with minimum 3yrs experience

Responsibilities :

- Responsible for collecting, performing quality checks , archiving the data
- Development and management of database
- Back-up data sets at regular time interval for avoiding loss of data
- Maintain a clean inventory of data available to ensure data can be retrieved during any time upon request
- Develop , update and maintain web pages
- Upload necessary documents to web pages as and when needed
- Manage the IT servers and network to ensure the web pages, programming environments and databases are functional
- Carry out big fixing, troubleshooting errors in the system and programs
- Ensure server is secured based on the established procedures
- Coordinate and collaborate with technical team members to ensure availability, reliability and scalability of organizational servers to meet growing operational demands
- Lead, coordinate and participate in key process improvements as they relate to the client/server environment

Technical Skills

- Proficient   in the following scripting language and database management :   HTML, Shell, Python , NodeJS, PHP,React/Angular , SQL/PowerBI/Tableau , SQL/Python , DevOps
- Knowledge of GIS is an added advantage
- Proficient in Ms Office and knowledge of office management including filing
- Familiarity with basic research methods and reporting techniques
- Excellent organizational and time-management skills
- Outstanding communication and negotiation abilities
- Integrity and confidentiality

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/008/Programmer

10. Software Programmer

Requirements :

- BE / B Tech / MCA /   MSc /   ME / M Tech   in Computer Science/Information Technology or related   field

- Minimum 2-4 years hands on experience in programming using Dot Net Technologies or Open Source Software PHP and Oracle/SQL server database

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/009/Software%20Programmer

11. OS and DB administration

Requirements :

- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology or related field with 2-3 years relevant experience in administering

For Windows :

- Windows OS with Microsoft Certified Database Administrator (MCDBA) preferably or his/her previous employer is well known to us, we can refer his/her role in administering

For Linux :

- RedHat 7 Certification / RedHat 8 Certification
- Experience in handling PostgreSQL DB Design/Identifying/Tuning/Archiving and troubleshooting Linux

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/010/OS%20and%20DB%20administration

12. Business Analyst

Qualification:

- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology or related field with 5+ years experience in the industry.
- MBA in Information Systems or related disciplines is highly desirable.

Responsibilities:

- Study requirements for e-Governance projects and prepare DPRs and other documents as needed.
- Participate in bid process including preparation of RFPs, technical evaluation of proposals received from bidders.
- Prepare accurate and detailed Requirements documents, User interface guides, and functional specification documents.
- Communicate effectively with Business Management on functional requirements like Business Rules, Screen layouts, data mapping analysis, system interfaces and GUI designs
- Study the status of IT Infrastructure/applications and assist in IT infra/application updates/deployment as needed for rollout of new e-governance solutions
- Analyze existing/ proposed projects in regard to security, disaster recovery and business continuity objectives.

Technical Skills:

- Experience eliciting high-level requirements using interviews, document analysis, requirements workshops, use cases, scenarios, business analysis, competitive products analysis, task and workflow analysis and develop visual models

- Ability to apply Design Thinking, Lean and Agile methodologies in all the stages of development - design, build and deploy.

- Experience creating deliverable for all aspects of business analysis and functional design.

- Ability to interface with technical teams, exposure to/experience with software development and agile methodologies is desirable.

- Experience partnering with stakeholders required for new features in addition to enhancement and bug fix work efforts

- Experience assisting in QA and usability testing, partnering with internal/external development partners in the creation of Acceptance Criteria.

- Strong Analytical skills has the ability to start from ambiguous problem statements, identify and access relevant data, make appropriate assumptions, perform insightful analysis and draw conclusion relevant to the business problem

- Knowledge in emerging technologies like AI, Block chain and Internet of Things (IOT)

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/011/Business%20Analyst

13. Tech Lead-IT Infrastructure

Qualification :

- BE / B Tech / MCA / MSc / ME / M Tech   in Computer Science/Information Technology or related field with 8+ years experience in the IT industry
- Atleast 5 years of experience managing, configuring and troubleshooting hardware such as servers, routers/switches, firewalls, storage devices, etc.

Responsibilities :

- Design and implement short and long-term strategic plans to ensure IT infrastructure components such as Servers/Storage/Network meet existing and future requirements.

- Develop, implement, and maintain policies, procedures, and associated training plans for IT infrastructure resources administration and appropriate use.
- Proactively monitor the Infrastructure and Network Performance and generate Reports/ Dashboards for Review using the Enterprise Management Systems.
- Practice asset management, capacity planning, including maintenance of server/storage/network components inventory, life cycle management and related documentation.
- Conduct research and make recommendations on IT products, services, protocols, and standards in support of procurement and development efforts. Perform cost-benefit, RoI and TCO analysis for proposed systems to support implementation decisions.
- Plan, acquire, and coordinate installation of hardware and software as per department needs.
- Establish and monitor service level agreements with vendors & end-user departments.
- Manage and ensure the effectiveness of servers, their associated operating systems and software. Manage and ensure optimal operation of all network hardware and equipment, including routers, switches, hubs, UPSs, and so on.
- Manage and ensure the effectiveness of security solutions, including firewalls, anti-virus solutions, and intrusion detection systems.
- Oversee the administration of software components such as user authentication systems, DevOps tools, etc.,

Technical Skills :
- Experienced in configuration and troubleshooting of server hardware and network/storage systems.
- Experience in Configuration, Management and Support of EMS tool for Infrastructure and Network Performance Monitoring of OEMs like CA, BMC etc…
- Experience with services like databases, data backup, anti-virus, streaming technologies.
- Hands-on experience with server virtualization technologies such as VmWare, OpenStack, etc.
- Strong experience installing, administering & troubleshooting Linux server operating system platforms.

- Knowledge of current protocols and standards in the areas of Core Switching/Routing, SSL/IPSec, SAN, Virtualization, Business Continuity, Disaster Recovery.
- Experience with open-source application/infrastructure monitoring tools.
- Experience setting up and administering DevOps environments is highly desirable.
- Proficiency in any scripting languages such as Perl/Python/Unix Shell.

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/012/Tech%20Lead-IT%20Infrastructure

14. Quality Assurance

Qualification:

- BE / B Tech / MCA /   MSc /   ME / M Tech   in Computer Science/Information Technology or related field
- 6+ years of experience in enterprise software quality assurance in a highly technical and analytical role
- Should have a minimum of 6 years experience in open source software Testing with Postgre SQL database as on date
- Should have experience in Integration Testing, Regression Testing. Smoke Testing, Modules testing, Performance Testing – Application Response Time , Using Concurrent users , Load and Stress Testing

Responsibilities:

- Design and develop test plans and test cases based upon functional and design specifications focusing on specific user stories.
- Participate actively in an Agile based development/testing environment, including reviews and planning activities.
- Participate actively in functional, system, stress, longevity and regression testing activities.
- Implement test cases/suites leveraging tools like Testing, Selenium and J Unit.
- Execute test cases across the supported platforms/operating systems.
- Analyze and report test results to user departments, development/vendor teams.
- Participate in test case reviews and provide feedback.
- Participate in internal/cross-team meetings and technical documentation reviews.

- Work closely with the development team to analyze, debug and resolve the bugs.

Technical Skills:

- Strong QA background with experience in developing and reviewing test plans, test cases and testing results.
- Knowledge of scripting languages such as SQL, Perl, Python, XML or Ruby.
- Understanding of large complex software systems to isolate defects, reproduce defects, assess risk and understand varied customer deployments.
- Experience with different test automation techniques and developing stable and efficient automation frameworks/strategies.
- Understanding of SOAP and REST-based APIs testing.
- Experience with software testing metrics.
- Experience with performance/security/usability testing highly desirable.
- Prior experience working with e-Governance systems & processes in the public sector/state/central Government is highly desirable.

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/013/Quality%20Assurance

15. SAS certified Experts / Data Scientists

Qualification:

- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology or related field.
- 6 + years of experience in SAS Data Analytics in a highly technical and analytical role
- **BASE SAS Certification   is mandatory**
- **Visual Analytics (SAS VIYA) Certification is desirable**

Responsibilities:

- SAS certified Data Analytics experts for development and implementation of analytical use cases and reports.

- The indicative list of major areas, where the resources would be working on as part of the assignment are as following:

- Defining the Analytical Use Case

- Formulating the problem statements

- Deployment, Configuration, Integration and testing of SAS Analytical Solution.

- Design, Develop, Automate ETL jobs to extract transform and load data

- Troubleshoot, Debug , Renew the existing SAS software

- The prepared deployment architecture should comply with the deployed solution

- Any other project related analytical work assigned by department using the existing analytical solution

- To prepare and maintain the technical specification documentation up-to-date with version control.

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/014/SAS%20certified%20Experts-Data%20Scientists

16. Database lead / Administrator

Qualifications:

- BE / B Tech / MCA /   MSc /   ME / M Tech   in Computer Science/Information Technology or related field.

-   8+ years of implementation experience of large complex data programs, with deep knowledge in data modeling.

-   At least 3+ years of hands-on experience leading large-scale database, data warehousing and analytics projects.

Responsibilities:

- Leading the development of the enterprise data strategy, including database design and structure, data integrity and database tools to deliver top-notch data management in e-Governance projects.

- Overseeing the development and use of information architecture standards for data definitions, data management, warehouse design and development, and ensure compliance to standards.

- Responsible for DBA maintenance activity, Script and patch deployment, ensures the data replication at all environment (SDR & NLDR)

- Responsible for Production Deployment Activities as per the authorization provided by Department

- Developing, administering, maintaining, and implementing policies and procedures for ensuring the security, quality and integrity, and availability of the data.

- Leading the architecture and development of a data lake/data warehouse strategy to provide consistent, clean and integrated data.

- Leading the migration to new data technologies for unstructured, streaming and high-volume data.

- Championing, instituting and leveraging Big Data analytics capabilities for the organization.

Technical Skills:

- Hands on experience as a database, data warehouse, big data/analytics developer or administrator.

- Implementation of database technologies at scale, including transaction processing, analytics, security, logging and monitoring.

- Experience of advanced deployment architectures such as availability, resiliency and fault tolerance.

- Experience of data migration techniques and process planning.

- Experienced in databases technologies including schema design, query tuning, performance optimization, and diagnostics gathering.

- Knowledge of foundation infrastructure requirements such as Networking, Storage, and Hardware optimization.

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/015/Database%20lead-Administrator

17. Application   Lead

Qualifications :

- BE / B Tech / MCA /   MSc /   ME / M Tech   in Computer Science/Information Technology or related field   with PMP certification and relevant software certification

- Should possess minimum of 8 years overall experience in Application development out of which minimum 2 years as Project Manager in open source software development environment as on date .
- Should have experience in atleast 1 Project implementation in open source Linux platform as on date.
- Should have executed atleast 5 Project implementations as Project Manager as on date

Responsibilities :

- To prepare SOP and ensure SDLC compliance in Application and Database Management.
- Responsible for review of Source Code, TSP Application design and Application Documents
- To Co-ordinate with SI in Application testing, UAT sign off and Production Deployment
- To ensure SDLC process compliance by SI.
- To handle the Production deployment of signed off application.
- To review the Application change requests and resource utilization sheets submitted by SI
- To review the Application tickets raised in Helpdesk and the Service support provided by SI
- To review the Application and Database Performance and provide value additions for Performance Improvement.

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/016/Application%20%20Lead

18. Application Repository Manager/ DevOps Tools Engineer

Qualifications:

- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology or related field with Linux certification
- Should have a minimum of 6 years experience in open source software programming with Postgre SQL database as on date
- Should have experience in atleast 1 Project implementation in open source Linux platform with Postgre SQL database as on date
- Should have been part of atleast 3 Project implementations as on date

Responsibilities:

- Should review the Source Code and all relevant application documents and maintain the repository of the documents along with version control up to date
- Review all Application documentation and provide observations to SI/Department regarding the issues/ defects in Application and deviations with reference to SDLC documentation process compliance.
- Should posses knowledge of designing of screen, DB tables and Integrated application development, API integration and job creation as part of development

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/018/Application%20Repository%20Manager-DevOps%20Tools%20Engineer

19. Network Administrator

Qualifications:

- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology or related field with any network OEM certification such as CCNA/CCNP
- Should have a minimum of 3 years experience as Network Administrator as on date.
- Should have expertise in troubleshooting network related issues.
- Should be experienced in configuring and troubleshooting routers, switches and firewall
- Should have knowledge of routing protocols and issues on video conferencing.

Responsibilities:

- Responsible for Primary and Secondary Network Incident Management and Performance Monitoring in DC, DR, NDR and Field offices using NMS tool.
- SLA Monitoring of Network Uptime and Bandwidth utilization
- To Co-ordinate with the Service Providers for both Primary and Secondary connectivity Network Service levels adherence.
- Review of Invoices submitted by ISPs and Penalty deductions with reference to Service levels

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/019/Network%20Administrator

20. Web Administrator

Qualifications:

- BE / B Tech / MCA / MSc / ME / M Tech in Computer Science/Information Technology or related field
- 4-6 years in Web / System Administration
- Professional certifications in Linux/DBMS/Web desirable
- Experienced in Windows / Linux / Solaris / CentOS Administration , ReactDOMServer / Node.js / IIS / Apache / Tomcat / HTTP / Web / Application Server , Oracle / SQL Server / MySQL / PostgreSQL Database
- Proficiency in infrastructure architecture, design, development and implementation techniques in Web Server / Application Server and DB Server

Responsibilities :

- Responsible for overall Administration of core business web applications – installation , configuration and monitoring of web servers , application servers and database servers
- Environment setup for production, staging and development
- AWS / Azure cloud setup and configuration
- Setup and Deployment of Web applications in Tomcat / ReactDOMServer / Node.js / Xampp / Python server / Apache / IIS
- Database Instance Creation, Configuration, Administration and Monitoring
- Implement Security measures for the applications and servers.
- Perform periodic backup of data.
- Automate reporting tasks, scheduled tasks and cron job scripts
- Execute hardware / software / patch updates as and when necessary
- Web site / Applications / API Availability Monitoring and log analysis
- DNS Configuration and Monitoring
- Network Monitoring and Mail Server Monitoring
- Web Page Analyzer
- Website Monitoring Reports (Performance / Availability monitoring, Server Utilization etc..)
- FTP Monitoring and Access Control for users
- SLA Management
- Website Trending / Analytics Report using various tools
- Capable to handle the tasks independently.
    - Performs any other related duties incidental to the work described therein

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/020/Web%20Administrator

21. Senior GIS Analyst

Qualifications:

– BE / B Tech / M Tech / MSc with specialization in Geo-Informatics/Remote Sensing/related field.

– 10+ years in GIS, with at least 5 years in Web GIS.

Responsibilities:

- Overall management of the GIS team.

- Analyze GIS requirements, prepare documentation reflecting procedures, and prepare program specifications conforming to established mapping standards

- Work with the Tech Lead - GIS and work with the team to develop proof of concepts (POCs) and solutions

- Work with the Tech Lead – GIS in developing location intelligence (LI) solutions delivered on both web and mobile platforms.

- Contribute to technical input on bids.

- Interact with internal and external stakeholders to build the problem statement and facilitate solutions

- Collaborate with User departments, Designers, Business Analysts and developers

Technical Skills:

- Data conversion, data maintenance, GIS analysis, GIS workflow, cartography, model builder, Geo-processing tools, geo referencing and geocoding

- Experience using PostGIS and GeoServer

- Familiarity with Google Maps JavaScript API, and related technologies.

- Familiarity with fundamentals and knowledge of HTML 5, CSS3, and JavaScript

- Knowledge of UI frameworks

- Familiar with accessibility standards and tools used to tests for accessibility.

Business Requirement:

- Ability to quickly understand business requirements and proposing reference architectures and technology solutions.

- Ability to drive discussions with senior personnel regarding trade-offs, best practices, project management and risk mitigation.

- Excellent leadership and interpersonal skills.

- Strong verbal and written communication skills, including the ability to present complex material to wide range of audiences in plain language.

- Excellent stakeholder management skills

– Self-motivated with the ability to multi-task, manage projects, set time frames, and meet deadlines.

– Ability to work as team player

Click on the below link to Apply

https://tnega.tn.gov.in/jobapply/careers/021/Senior%20GIS%20Analyst