DATE	APRIL 2021
JOB CODE	
FLSA	EXEMPT
EEO	

JOB TITLE: Application Integrator III
DEPARTMENT/DIVISION: Information Technology
REPORTS TO: Application and Data Services Officer

SUMMARY: Responsible for the requirements, design, development, integration, testing, verification, documentation and maintenance of the City's software and web applications. As a technical leader, this role will often be assigned to mission critical software development projects. Also responsible for assisting in the development and design of database strategies, system monitoring and improving database performance and capacity.

ESSENTIAL JOB FUNCTIONS:
- May serve as a lead to lower level staff, which includes prioritizing and assigning work; training staff on work methods and procedures; and/or, performing other related activities
- Analyzing and optimizing detailed business/functional/technical requirements and specifications for the application. Coding internally developed applications and/or configuring commercial-off-the-shelf (COTS) applications using programming, scripting, and database languages.
- Coordinates application testing, deployment, maintenance, and evolution activities by correcting programming errors, responding to scope changes, and coding application enhancements.
- Keep management abreast of application development priorities and activities through periodic verbal and written status reports.
- Coordinate with customers and Department management in a methodical and professional manner to gather business requirements to enhance existing applications and/or to develop new business applications.
- Provide technical leadership for establishing the best possible options for designing and deriving the best solutions based on sound analytical judgment, team input and the customers' best interest.
- Participates in the management of ongoing projects through business meetings, briefings with Department management, and document creation, maintenance, and preparation
- Perform cross training, which will include authoring and/or overseeing the creation of design documentation that fully define applications and their corresponding support architectures.
- Utilizing best practices, design and develop software according to business, functional and technical design specifications.
- Monitor the progress of various software development efforts to keep requirements within the agreed upon scope, cost and schedule.
- Create and design databases views, stored procedures, and user-defined functions of varying complexity with a "best practices" approach to keys, indices and relationships in SQL Server.

- Perform code reviews as warranted for potential performance issues, reusability, and/or anomalies.
- Install and upgrade the database server and application tools.
- Ensure compliance with application vendor license agreements.
- Contact application vendors for technical support.
- Design solutions with network hardware, servers, storage and software to satisfy the needs-analysis and requirements definitions.
- Maintain compliance with external regulatory controls, such as the Texas Department of Information Resources.
- Participates in a variety of special projects in support of departmental operations, which may include: performing special studies; providing guidance and recommendations to departments to ensure organizational sustainability and maximize organizational efficiency, effectiveness, and performance; recommending cost- conscious decisions and actions; and/or, performing other related activities.
- Performs other duties as assigned, which may involve irregular work hours, including evenings and weekends.

KNOWLEDGE, SKILLS, AND ABILITIES:
- Knowledge of database theory
- Knowledge of database design
- Knowledge of JavaScript, HTML, Mobile and other web development tools
- Knowledge of distributed computing architectures, e.g. Client/Server, Internet/Intranet, Enterprise
- Knowledge of the underlying operating system, e.g. Windows, Linux
- Knowledge of disaster and business recovery practices
- Knowledge of government operations and processes
- Knowledge of relational databases and report building tools
- Skilled in VB6, VB.Net, and ASP.Net, SQL, SharePoint, SSRS
- Skilled in C#.Net, Java, C++, HTML, CSS
- Skilled in Visual Studio.Net, SQL Server
- Skilled in IIS, Apache
- Skilled in designing secure networks, systems, and applications architecture
- Skilled in evaluating quality and reviewing final work products
- Skilled in analyzing security processes
- Skilled in assessing cost efficiency and effectiveness of municipal operations
- Skilled in tracking service call and installations
- Skilled in identifying and solving problems
- Skilled in documenting service outages and resolutions
- Skilled in working independently or part of a team in delivering excellent customer service
- Skilled in reading and interpreting technical documents
- Skilled in applying independent judgment, personal discretion, and resourcefulness in interpreting and applying guidelines
- Skilled in reading, interpreting, applying, authoring and explaining rules, regulations, policies, and procedures
- Skilled in preparing clear and concise reports

- Skilled in gathering and analyzing information and making recommendations based on findings and in support of organizational goals
- Skilled in operating a computer and related software applications
- Skilled in communicating effectively with a variety of individuals
- Ability to communicate with users to define system requirements and resolve problems
- Ability to analyze technical problems and develop workable solutions

MINIMUM QUALIFICATIONS:
- Bachelor's Degree in Information Systems or related area of study
- 5 years' of progressively responsible information technology experience
- Security+ certification or equivalent upon management approval within 6 months of employment
- AWS / AZURE Dev Associate within 12 months of employment
- ITIL and AWS / AZURE Dev Professional Certifications within 24 months of employment
- Must qualify for and maintain compliance with Criminal Justice Information Systems access requirements
- Must possess or be able to obtain and maintain a valid Texas driver's license

PREFERENCES:
- 5-7 years' experience in multi-language programming including but not limited to: vb.net, asp.net, c#.net, java and vba

WORKING CONDITIONS:
- Frequent reaching, sitting, talking, seeing, hearing, and manual dexterity
- Occasional climbing, balancing, stooping, kneeling, and crouching
- Sedentary office and outdoors work environments
- Occasional lifting and carrying up to 50 pounds
- Work may be performed in a data-center environment, involving loud noise and temperature irregularity
- Work both indoors and outdoors and are exposed to cold and hot temperatures, constant noise, fume/odor hazards, road hazards, heights, and mechanical and electrical hazards.

CONDITIONS OF EMPLOYMENT:
- Must pass pre-employment drug test.
- Must pass criminal history check.
- Must pass motor vehicle records check.