FORT BEND CENTRAL APPRAISAL DISTRICT

JOB DESCRIPTION

Position Title:	Applications Developer	FLSA Category:	Exempt
Division:	Geographic Information Systems (GIS)	Position Type:	Full-Time
Reports to:	Director, Geographic Information Systems (GIS)	Pay Grade:	115

Job Summary:

As a Developer, you will play a crucial role in designing, implementing, and maintaining software solutions to support the district's property appraisal and taxation processes. This position offers an exciting opportunity to contribute to the enhancement of our technological infrastructure while collaborating with cross-functional teams.

Essential Functions: *(Essential functions require presence in the workplace on a regular basis. In order to accomplish this, regular attendance MUST be maintained. This information is intended to be descriptive of the key responsibilities of the position. The following examples do not identify all duties performed by any single incumbent. Incumbent is expected to perform other related duties, as assigned.)*

- Interface with IT to develop appropriate functional specifications.
- Design, develop, and maintain software applications and tools to support property appraisal and taxation processes.
- Collaborate with team members, vendors, and stakeholders to gather requirements and translate them into technical specifications and solutions.
- Develop and implement database solutions to store and manage property data efficiently.
- Ensure the security, scalability, and reliability of software solutions by adhering to best practices and standards.
- Perform regular testing, debugging, and troubleshooting of software applications to identify and resolve issues.
- Stay updated on emerging technologies and industry trends to propose innovative solutions and improvements.
- Provide technical support and training to end-users as needed.
- Document software designs, procedures, and configurations for reference and future maintenance.
- Produce ad-hoc queries and develop reports for FBCAD.
- Development activities including analysis, design, integration, verification, configuration management, maintenance support and product documentation.
- Coordinate with other departments and offices as needed to successfully execute projects and to provide updates and reports.
- Participate in the design and development of new applications under the direction of departmental leaders.
- Conduct all public contacts in a friendly, courteous, consistent, and professional manner at all times.
- Performs other tasks and assignments as may be assigned from time to time.

Required Skills/Abilities:

- Familiarity with Windows-based computer required. Intermediate proficiency with the Microsoft Office suite and appraisal district related software preferred.
- Knowledge of appraisal district operations.
- Excellent verbal and written communication skills.
- Excellent organizational skills with attention to detail.
- Excellent analytical and critical thinking skills.
- Effective communication and interpersonal skills to collaborate with team members and stakeholders.

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Education and Experience Requirements:

- Bachelor's degree in a relevant computer science major in areas of data structuring, system design and programming.
- Certification in relevant technologies (e.g., Microsoft Certified Solutions Developer, Oracle Certified Professional).
- Proven experience in software development, preferably in a property appraisal or taxation environment.
- Use of strong skills in Microsoft SQL Server, Report Services, Visual Studio, Python, SQL, JavaScript, HTML, VBScript, .NET, and APIs.
- Established project management skills.
- Ability to communicate effectively orally and in writing and can operate a personal computer.
- Strong understanding of database management systems (e.g., SQL Server, Oracle) and data modeling principles.
- Experience with web development frameworks (e.g., Angular, React) and RESTful APIs.
- Knowledge of software development methodologies (e.g., Agile, Scrum) and version control systems (e.g., Git).
- Intermediate to advanced proficiency with Microsoft Office.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to stand, walk, sit, reach with arms, talk, or hear and use hands to finger, handle or feel objects, tools, or controls. The employee is occasionally required to climb or balance, stoop, kneel, crouch and may occasionally use ladders for a variety of tasks. The employee must frequently lift and/or move 5-10 pounds and occasionally lift and/or move 10-20 pounds. Some driving may be required.