

## **CITY OF FONTANA IT APPLICATION PROGRAMMER**

**DEFINITION:** Under the direction of an IT Supervisor, this position will develop software applications for the City. This position will collaborate with Business Analysts in developing project plans and specifications for software development, including interface programming, "gap" programming, and application development. All development will follow current department standards and procedures for development platforms, languages, operating systems and databases. This position will also provide input on the development of standards, technical specifications, design guidelines, development guidelines, and testing requirements and participate in design and code reviews.

**ESSENTIAL FUNCTIONS:** The employee must have the ability to:

- Gather business requirements through interviews with business teams;
- Develop prototypes and functional/technical specs to meet business needs;
- Design and develop flexible, scalable and extensible server side, client, and web applications;
- Develop test plans/scripts and coordinate testing with business teams;
- Maintain applications using proper issue triage and rapid issue resolution;
- Actively engage in team-based solution design and problem solving activities;
- Implement continuous improvements to applications and processes;
- Write detailed system documentation that can be used by other technical staff to fully understand the structure and operation of the system;
- Write easily understandable user documentation that explains to non-technical users how to effectively use the application that they developed;
- Participate as a technical resource on IT Department projects and follow appropriate project management protocols and procedures.
- Communicate clearly and concisely, both orally and in writing.
- Establish and maintain cooperative working relationships with those contacted in the course of work.
- Perform any other tasks or functions deemed necessary to the daily operations of the employer.

**THE ABOVE LIST OF ESSENTIAL FUNCTIONS IS NOT EXHAUSTIVE AND MAY BE SUPPLEMENTED AS NECESSARY BY THE EMPLOYER.**

**WORKING CONDITIONS:** Position requires frequent standing and walking; sitting for extended periods; normal manual dexterity and hand/eye coordination; corrected vision to normal range; written and oral communication; use of standard office equipment to include computers, telephone, copier, calculator and facsimile; frequent contact with other staff and the public; ability to push, pull, lift or drag up to 25 pounds.

### **EXPERIENCE AND TRAINING GUIDELINES**

**Experience:** A minimum of four (4) years of experience as a software developer or technical resource.

**Education:** A Bachelor's degree in one of the Computer Sciences, Engineering, Mathematics, or a related field or current enrollment in one of these educational programs – specific relevant experience may be substituted for some of the formal education or degree