CITY OF CHATTANOOGA
Classification Specification Title: Software Development Engineer 1

Department: Technology Services   **Pay Grade: GS.10**

Supervision Received From: Director IT Security   **FLSA Status: Exempt**

Supervisory Responsibility For: None   **Established Date: 2/06/15**

Revision Dates: 4/4/25;

10/20/23; 1/11/23

CLASSIFICATION SUMMARY:
The Software Engineer I is responsible for assisting in developing products that support the City of Chattanooga. As a Software Engineer I, you will be part of a dynamic team with engineers of all experience levels who help each other build and grow technical and leadership skills while creating, deploying, and supporting production applications. In addition, Software Engineers may be involved in product configuration, security, resilience, performance tuning and production monitoring.

SERIES LEVEL: The Software Engineer I is the first level of a four-level Software Engineer series.

ESSENTIAL FUNCTIONS:
(*The following duties ARE NOT intended to serve as a comprehensive list of all duties performed by all employees in this classification, only a representative summary of the primary duties and responsibilities. Incumbent(s) may not be required to perform all duties listed and may be required to perform additional, position-specific duties.*)

DEPARTMENT SPECIFIC DUTIES (if any):

Assists in developing, testing, deploying, and maintaining software; Follows best practices established by the organization and participates in improvement conversations; Consistently helps the team achieve results, even under tough circumstances.

Learns through successful and failed experiments when tackling new problems; Actively seeks ways to grow and be challenged using both formal and informal development channels. Willingness to receive mentoring from senior engineers.

Builds partnerships and works collaboratively with others to meet shared objectives; Collaborates with other team members in agile processes; Relates openly and comfortably with diverse groups of people.

Must meet regular attendance requirements.

Must be able to maintain good interpersonal relationships with staff, co-workers, managers, and citizens.

Must accomplish the essential functions of the job, with or without reasonable accommodations, in a timely manner.

Performs other duties as assigned.

MINIMUM QUALIFICATIONS:
Must have one of the following:

Bachelor's Degree (Preferred) with a major in Computer Science or similar.
Associates degree with a major in Computer Science or similar AND two (2) years experience developing software in a professional environment.
High School Diploma AND three (3) years of experience developing software in a professional environment.

LICENSING AND CERTIFICATIONS: Valid Driver's License.

One or more of the following certifications (or equivalent) are preferred but not required:

Certified Scrum Developer
AWS
GCP

(Proof of certification is required)

KNOWLEDGE AND SKILLS:
Knowledge of front end technology such as HTML, CSS, and Javascript; cloud environment. (AWS/GCP); server side technology such as NodeJS/Express; object-oriented programming language; source code version control. (Bitbucket); relational and non-relational database technology. (MSSql/MongoDB); linux virtual machines in a server environment; ticket management systems like JIRA.

Skills include the following: ability to read and apply technical documentation where required. Applicants should know at least one programming language well, preferably Javascript/NodeJS. Ability to obtain and maintain CJIS certification. Ability to pass a coding challenge.

PHYSICAL DEMANDS: Positions in this class typically require fingering, grasping, talking, hearing, seeing, and repetitive motions.

WORK ENVIRONMENT: Quiet open office space, sitting/standing, walking, talking, writing, and typing.

SPECIAL REQUIREMENTS:

Safety Sensitive: N

Department of Transportation – CDL: N

Child Sensitive: N

The City of Chattanooga, Tennessee is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the City will provide reasonable accommodations to qualified individuals with disabilities and encourage both prospective and current employees to discuss potential accommodations with the employer.