



# CLASS TITLE | SOFTWARE DEVELOPMENT ANALYST II

PAY GRADE: IT-36 | [www.cityoftulsa.org/pay](http://www.cityoftulsa.org/pay)

Class Code: 3616

Effective Date: 5/29/2022

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**PURPOSE OF THE CLASSIFICATION:** Under direction assists with the development and testing for internal and external custom applications and provides maintenance support for information technology applications; and performs other related assigned duties.

**ESSENTIAL TASKS:**

- Responds to special user requests and/or project assignments
- Performs moderately complex programming utilizing one of the JavaScript Frameworks
- Understanding the HTML and client-side scripting
- Understanding of documentation and version control
- Performs elementary systems design and analysis
- Responds to application problems
- Designs and implements user interfaces
- Reports to work on a regular and timely basis

**Reasonable accommodations may be made to enable individuals with disabilities to perform the essential tasks.**

**QUALIFICATIONS:**

Training and Experience: Must meet one of the following criteria:

1. (a) Completion of sixty (60) hours from an accredited college or university; **and**,  
(b) One (1) year of experience relevant to the essential tasks listed in this job description.

**OR**

2. (a) Graduation from high school or possession of a General Education Development (GED) Certificate; **and**,  
(b) Two (2) years of experience relevant to the essential tasks listed in this job description; **and**,  
(c) Completion of a recognized software developer bootcamp or equivalent software certification(s).

Knowledge, Abilities and Skills:

Knowledge of:

- Knowledge of responsive web design
- Knowledge of responsive web design
- Considerable knowledge of methods, procedures, and practices of programming for appropriate information technology environment
- Considerable knowledge of the operation and use of data processing and data communications
- Good knowledge of web server management
- Good knowledge of at least two generally recognized computer languages and proficiency in one
- Good knowledge of server-side processes, service development, and server management
- Good knowledge of HTML and client-side scripting; knowledge of encryption technology

Ability to:

- Ability to work independently and to recognize, analyze, and solve complex programming problems



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- Ability to document work
- Ability to analyze issues and to formulate sound concepts

Skill in:

- Skill in Microsoft SQL Server Development or other equivalent ANSI SQL databases

Physical Requirements: Physical requirements include arm and hand steadiness and finger dexterity enough to use a telephone; occasional lifting up to 50 pounds; occasional carrying up to 40 pounds; occasional pulling up to 5 pounds; may be subject to extended periods of walking, standing, sitting, reaching, balancing, bending, kneeling, handling, feeling, climbing, smelling and twisting; vision, speech and hearing sufficient to perform the essential tasks.

Licenses and Certificates: Possession of a valid class "D" Oklahoma Driver license.

**WORKING ENVIRONMENT:** Working environment is primarily indoors, with some traveling to various City locations to provide computer related assistance.

**EEO Code: N-02**

**Group: Clerical and Administrative**

**Series: Data Processing and Information Services**