



## **Classification Description**

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**Job Title: Web Applications Developer II**

**Pay Grade: TB030**

**Job Code: T019**

**FLSA Status: Exempt**

### **Job Purpose**

This is a professional position that plays an important role in providing expertise and College-wide consulting services in the analysis, development, and delivery of enterprise web applications and processes. The Web Applications Developer II also plays a supporting role as an escalated level of support service for the College at large by efficiently updating web applications.

### **General Responsibilities**

#### **Essential Functions**

Designs, develops, maintains, troubleshoots, and makes necessary updates to the College's web applications as requested by other College employees.

Works as part of or leads a focused team to design, analyze, program, document, and implement web applications that satisfy IT Project requirements.

Provides expert consultation and development services for complex enterprise web applications and processes.

Leads the design, development, and implementation of innovative web technologies.

Mentors Web Developer I's and provides guidance on best practices and coding standards.

Collaborates with cross-functional teams to align web applications with business objectives.

Designs and develops web applications with a focus on a responsive "mobile first" experience and an emphasis on content accessibility.

Participates in code reviews where constructive criticism of produced code is shared and discussed to improve the team's code quality and overall knowledge.

Performs other duties as assigned.

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These essential job functions are not to be construed as a complete statement of all duties performed; employees will be required to perform other job-related duties as required. An employee with a disability is encouraged to contact the Human Resources Office to evaluate the job in greater detail to determine if they can perform the essential functions of this job with or without reasonable accommodation.

### **Knowledge, Skills, and Abilities**

#### **Minimum Qualifications**

Associate's degree from a regionally accredited institution of higher education in Computer Information Systems or a similar Information Technology program.

Two (2) years related professional work experience.

Relevant certifications from reputable, authoritative organizations. Appropriate combination of education, experience, and relevant certifications may be substituted.

Demonstrated strong knowledge of and experience with modern frontend languages and frameworks used in web applications such as HTML, CSS (SCSS), and JavaScript (React, Vue.js).

Demonstrated strong knowledge of and experience with modern backend languages and frameworks used in web applications such as PHP (Laravel), JavaScript (Node.js), Python (Django, Flask), or Rust (Actix Web, Rocket).

Demonstrated proficiency in any flavor of SQL (MySQL, Oracle SQL, or PostgreSQL).

Demonstrated experience with frontend building/bundling systems (Vite, Webpack).

Demonstrated proficiency with source control management using Git and GitLab/GitHub.

Knowledge of and experience with Linux.

Familiarity with the concepts of containerization (Docker, Podman).

Demonstrated ability to communicate effectively, both orally and in writing; think critically and creatively; and collect, organize, analyze, and present information in a meaningful manner.

### **Critical Skills/Expertise**

All employees are expected to:

- Promote a common purpose consistent with stated College goals and demonstrate a commitment to students and the learning environment,
- Possess the knowledge of general written standards and procedures utilized, and have the ability to read, interpret, and follow procedural and policy manual related to the job tasks.

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- Demonstrate the ability to respond to supervision, guidance, and direction in a positive, receptive manner and in accordance with stated policies.
- Provide quality customer service by creating a welcoming and supportive environment.
- Present a professional image in word, action, and attire.
- Demonstrate professionalism in dealing with a diverse population while understanding and respecting each other's view of the world, personalities and working styles.
- Conduct oneself in a manner consistent with the College's standards of ethical conduct.
- Apply effective techniques to create working relationships with others to achieve common goals; successfully communicates and collaborates with others to achieve goals.
- Demonstrate skills necessary to look at situations and processes critically to make recommendations for improvement.

### **Work Conditions/Physical Demands/Special Conditions**

Physical: Routinely requires the ability to see, hear, and speak. Routinely requires sitting, bending, stooping, walking. On occasion, incumbents may be required to lift 20 or more pounds.

Environmental: Normal general office.

Mental: Routinely requires the ability to interpret, analyze and perform critical thinking skills.

Approved: June 11, 2024.