



Classification Description

Job Title: Web Applications Developer III

Pay Grade: TB050

Job Code: T062

FLSA Status: Exempt

Job Purpose

This is an advanced, responsible, professional position that plays a pivotal 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 III position 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

Leads focused teams or works as part of larger teams to design, analyze, program, document, and implement web applications that satisfy IT Project requirements.

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

Monitors web application logs and metrics to identify potential issues and opportunities for improvement.

Provides strategic direction and technical leadership for the College's web application ecosystem.

Drives the adoption of cutting-edge technologies and industry best practices.

Oversees the design, development, and deployment of mission-critical web applications.

Collaborates with senior leadership to align web strategies with organizational goals.

Ensures the scalability, security, and performance of web applications.

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.

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Performs other duties as assigned.

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.

Four (4) years of related professional work experience.

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

Demonstrated cutting-edge 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 cutting-edge 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 strong proficiency in any flavor of SQL (MySQL, Oracle SQL, PostgreSQL).

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

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

Strong knowledge of and experience with Linux.

Demonstrated experience with containerization (Docker, Podman).

Knowledge of and experience with web application security, vulnerabilities, and hardening techniques.

Familiarity with the concepts and principles of Development Operations (DevOps)

- Continuous Integration and Continuous Delivery (CI/CD)

- Infrastructure as Code (IaC) and Configuration as Code (CaC)

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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.

Ability to establish and maintain effective working relationships with faculty and staff.

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.
- 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.