



## Classification Description

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**Job Title: Web Applications Developer I**

**Pay Grade: TB020**

**Job Code: T016**

**FLSA Status: Exempt**

### **Job Purpose**

This is a professional, responsible position that plays an integral role in providing expertise and College-wide consulting services in the analysis, development, and delivery of enterprise web applications and processes. Responsibilities for this position include application development, programming, administration, and maintenance of the College web applications.

### **General Responsibilities**

#### **Essential Functions**

Researches, recommends designs, and implements innovative technologies which may include enterprise applications, enhanced services, and third-party systems or services to satisfy the College's web presence.

Administers, maintains, and troubleshoots web related services and processes on the College's Web servers.

Designs, analyzes, codes, documents, and implements web applications that support, enhance, and integrate with the College-wide enterprise application suite and third-party systems and services.

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

Designs and maintains SQL databases relating to web applications.

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 in order to determine if she/he can safely perform the essential functions of this job with or without reasonable accommodation.

## WEB APPLICATIONS DEVELOPER I

### **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. Appropriate combination of education and experience may be substituted.

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

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

Proficiency in any flavor of SQL such as MySQL, Oracle SQL, or PostgreSQL.

Familiarity with the concepts of containerization (Docker, Podman), and container orchestration platforms such as Kubernetes.

Knowledge and experience with Linux.

Knowledge and experience in web application security, vulnerabilities, and hardening.

Demonstrated ability to:

- Think critically and creatively, have a high standard of integrity, and be motivated to incorporate best practices into the organizational culture.
- Exhibit a thorough knowledge of policies, procedures, and outside regulations pertaining to the position.
- Possess a working knowledge of operational and fiscal analysis techniques.
- Make presentations in front of various group sizes.
- Take initiative and independently plan, organize, coordinate, and perform work in various situations where numerous and diverse demands are involved.
- Anticipate, investigate, and analyze problems and address them proactively.
- Communicate effectively, both orally and in writing.
- Establish and maintain effective working relationships with faculty, staff, students, and the public.
- Work in a fast-paced, demanding environment.
- Work independently and follow through on assignments.
- Exhibit solid organizational skills and be detail oriented.
- Work with a variety of constituencies and be willing to contribute to a team effort.
- Exercise discretion and good judgment at all times and in all contexts and maintain confidentiality.
- Work effectively with all constituencies of the College.
- Collect, organize, analyze, and present information in a meaningful manner.
- Collaborate and be effective working with diverse populations.

## WEB APPLICATIONS DEVELOPER I

### **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 14, 2010. Revised: February 21, 2011, August 30, 2012, November 9, 2012, July 1, 2014, April 7, 2015, April 28, 2017, March 22, 2022 and October 23, 2023.