



DevOps Engineer

Job Description

Department: Information Systems
Position: Career Service
Grade: 731
Supervisory: No
Reports to: Assistant Director – Information Systems

Summary

Under the general guidance and supervision of the Assistant Director – Information Systems and department administration, executes tools and processes to bridge the gap between programming teams and IT operations and better deploy IT applications, processes, and systems.

Essential Functions

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

1. Develop tools and processes for deploying code, building code, and managing and maintaining programming code.
2. Support and provide maintenance of Continuous Integration and Continuous Delivery (CI/CD) pipeline and code deployment tools and environments.
3. Perform high level and complex programming services; demonstrate the highest coding standards; produce effective, elegant, and efficient code using a combination of programming languages, such as Node.js, JavaScript, NPM, NPX, React, Bootstrap, HTML, CSS, Python, PowerBuilder, Visual Studio and Visual Studio Code, or similar tools.
4. Assist programming teams with monitoring, scaling, and testing applications.
5. Assist IT Operations team with maintaining IT system infrastructure to ensure high levels of functionality, efficiency, and security.
6. Assist IT Operations with identifying security gaps and functional vulnerabilities to the IT infrastructure; conduct regular system audits.
7. Assist IT Operations with ensuring high availability and efficient performance for shared platforms.
8. Function as technical expert on system integration, compatibility, and multiple platform integration; resolve problems, as needed.
9. Implement and support automation tools and scripts.
10. Create and update architecture, installation, and operational support documentation for Web/Client server and API software deployments.
11. Troubleshoot critical development systems, such as build failures and critical web services.

For Office Use Only

Job Code: 2966
Job Title: DevOps Engineer
FLSA: Exempt
Effective Date: 2/29/2024
Public Safety: No

Worker's Compensation: Clerical
Background Level: I
Safety Sensitive: No
DOT: No
ML: Individual Contributor

Knowledge, Skills, and Abilities

- Advanced knowledge of computer programming
- Advanced knowledge of server technology
- Knowledge of open client / server programming and architecture in Windows and Linux Platforms
- Knowledge of Docker and containerization technologies
- Knowledge of current and relevant computer hardware and software
- Knowledge of web development tools and environments, such as Javascript, CSS, Bootstrap, and HTML
- Knowledge of both front- and back-end application development principles and best practices
- Highly skilled in designing applications and using programming languages, such as Node.js, JavaScript, jQuery, NPM, NPX, React, Bootstrap, HTML, CSS, Python, PowerBuilder, Visual Studio and Visual Studio Code, or similar tools
- Skilled in communicating technically complex information both verbally and in writing
- Skilled in developing effective and collaborative relationships with the programming and IT team members
- Skilled in time management
- Ability to work in a high-pressure environment with a high volume of urgent user needs
- Ability to foster and encourage a culture of innovation as a role model and mentor by personally seeking out innovative solutions and methods and sharing those with the team
- Ability to set priorities and maintain overall user satisfaction
- Ability to work effectively and positively within a team environment while maintaining cooperative relationships with users, key stakeholders, team members, and management

Supervisory Responsibility

This position has no direct supervisory responsibility but does serve as a coach and mentor for other positions in the department.

Work Environment

This job operates in a professional office environment but occasionally exposes incumbent to electrical hazards during systems installation and maintenance. This position exposes incumbent to stress due to project deadlines, systems failures, system recovery, and meeting state and federally mandated requirements, regulations, and certifications. Work may expose the incumbent to high stress situations including contact with the public and others in confrontational, emotionally charged, or uncomfortable circumstances. This role routinely uses standard office equipment such as a laptop, desktop, smartphone, photocopiers, shredders, and filing cabinets. The noise level in the work environment is usually moderate. The incumbent may be required to drive Utah County owned vehicles in the course of conducting County business and must abide by the Utah County Vehicle Policy.

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Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is required to use manual dexterity to handle, feel, and operate objects, tools and controls, and reach with hands and arms. This employee is frequently required to stand, talk, and hear. Specific vision abilities by this job include close vision and ability to adjust focus. The employee is required to type, file, and lift supplies up to forty (40) pounds. The employee frequently drives a motor vehicle.

Position Type/ Expected Hours of Work

Incumbent must work eighty (80) hours each pay period to maintain full-time status. There may be availability to work out a flex schedule ahead of time that works for both the County and the employee. Occasional evening and weekend work may be required as job duties demand.

Travel

Travel is primarily local during the business day, although some out-of-area and overnight travel may be expected, up to five (5) percent.

Required Education and Experience

1. Bachelor's degree or equivalent in Information Systems Management, Computer Science, Computer Programming, or a closely related field.
2. Four (4) years of IT systems or network administration, computer programming, or computer technical support.
3. Demonstratable work competence in DevOps functions, system administration, or advanced programming.
4. Equivalent combinations of education, experience, and demonstrated work competence may also be considered.

Preferred Education and Experience

1. Preference may be given to applicants with two (2) years of experience in a DevOps role.
2. Preference may be given to applicants with demonstratable advanced knowledge in Kubernetes, Docker, and containerization technologies.
3. Preference may be given to applicants with more demonstrated work competence.

Additional Eligibility Qualifications

1. Applicants must possess a valid driver's license and obtain a valid State of Utah driver's license within sixty (60) days of employment.
2. Selected applicants will be required to submit to a pre-employment drug screen and background check. Due to potential access to sensitive and protected data, this position is subject to additional criminal background checks as directed by the Information Systems Department.

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AAP/EEO Statement

It is the policy of Utah County Government to assure equal employment opportunity to its employees and applicants for employment without regard to race, color, religion, national origin, disability, age, sex, sexual orientation, genetic status or gender identity.

Other Duties

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities that are required of the employee of this job. Duties, responsibilities, and activities may change at any time.

Utah County Government is a drug-free workplace.

Acknowledgement below to be completed after an offer has been extended and accepted.

This job description has been approved by the Office of Human Resource Management in consultation with the Department Head.

Signature below constitutes an understanding of the requirements, essential functions and duties of the position.

Candidate / Employee _____ Date _____

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