



## DevOps Systems Engineer

### ReportingMD

**JOB TITLE:** DevOps Systems Engineer

**FLSA STATUS:** Salaried, Exempt

**REPORTS TO:** Director of Product Development

**SUPERVISION EXERCISED:** None

#### **GENERAL SUMMARY OF DUTIES:**

Our DevOps Systems Engineer is a digital-technology enthusiast with a passion for software development who loves learning new and emerging technologies and is driven to help build a successful SaaS product used to advance improved patient outcomes across all facets of population health. With a strong understanding of core engineering principles and production experience with dev ops techniques like automation, security, deployment pipelines, networking, and performance aspects, this team member builds robust scalable systems and has hands-on experience maintaining and improving these systems. This includes researching, designing, documenting, and modifying software applications and processes throughout the development life cycle and quickly correcting programming defects as they arise.

#### **SUMMARY OF DUTIES RESPONSIBILITIES:** (includes, but not limited to)

- Design, implement and maintain a true DevOps environment including
  - management of Version Control tools and code merging
  - Continuous Integration tools and build status
  - Automated Testing of Quality and Performance
  - Artifact Repository for pre-deployment staging
  - Continuous Delivery with Release Automation as well as Change Management and release approvals
  - Infrastructure Configuration and management and Infrastructure as Code tools
  - Application Performance Monitoring and end-user experience
- Maintain code and scripts across the full stack of software development including UI, business logic and database.
- Conduct research on emerging application development software products, languages, and standards in support of procurement and development efforts.
- Assist in the development and maintenance of user manuals and guidelines.
- Work with SQL database team in support of database engineering and ETL activities.



- Work with analytic and reporting staff in support of report design specifications, report data logic, documentation and report testing.
- Troubleshoot and resolve hardware and software problems, including end user desktop PCs and enterprise data servers.
- Ensure servers comply with established policies, standards, licensing agreements, and configuration guidelines.
- Coordinate defining and performing system backups and recovery procedures to ensure full data retrieval.
- Monitor and test system performance; provide statistics and reports.
- Define and implement strategies for integrating Windows and Linux operating environments.
- Recommend and execute modifications to systems in order to improve security, efficiency, reliability, and performance.
- Establish and implement policies, procedures, and technologies (including firewalls) to ensure system security.
- Review and deploy new service packs, hot fixes, system updates, and vendor-supplied patches according to best practices.
- Perform related work as assigned

## **MINIMUM JOB REQUIREMENTS AND QUALIFICATIONS:**

- Bachelor's or Associates degree in Computer Science or Information Technology/Systems with an emphasis on healthcare and financial reporting (or exceptional hands-on experience).
- 3+ years of hands-on experience in design, develop, implement, and maintain multi-tier public and internal web applications using Microsoft Technology stack, including Visual Studio Online, TFS, Microsoft SQL Server, .Net, Telerik, JavaScript, etc.
- Strong experience in developing code across middle tier service layer and backend databases.
- Experience in both server-side and client-side web deployment.
- Strong experience in writing well designed, testable, efficient code components.
- Excellent debugging skills; able to debug complex technical issues involving multiple components.
- Significant database knowledge and experience; including creating ERD, database objects such as tables, views, writing complex transact queries including stored procedures, functions etc.
- Working experience with SSMS, SSRS and SSIS.

## **SKILLS AND ABILITIES REQUIRED:**

- |                                   |                 |
|-----------------------------------|-----------------|
| • Microsoft Web API               | • ADO.NET       |
| • RESTful Services                | • MS SQL Server |
| • XML                             | • SSMS          |
| • TFS/Visual Studio Team Services | • SSIS          |
| • Web Application Security(OWASP) | • SSRS          |
| • Telerik DevCraft (nice to have) | • IIS           |



## **KNOWLEDGE**

- Strong knowledge of IT systems and infrastructures; web concepts and related technologies; industry standard development technologies, languages, and tools (SQL, web services, etc.).
- Flexible, fast-paced, think-on-your feet mindset with a sharply focused analytical eye for detail, pragmatism and elegance.
- Excellent interpersonal skills and strong organizational skills required, including the ability to work effectively with diverse groups.
- Able to work independently with minimal supervision and maximum collaboration in a team environment.
- Able to set priorities, handle multiple assignments and deadlines, and display excellent judgment while operating in a flexible and professional manner.
- Knowledge of HIPAA requirements, including EDI, privacy and security regulations.

## **TYPICAL PHYSICAL DEMANDS:**

Requires prolonged sitting, some bending, stooping and stretching. Requires eye – hand coordination and manual dexterity sufficient to operate a keyboard, photocopier, telephone, calculator and other office equipment. Requires normal range of hearing and eye sight to record, prepare and communicate appropriate reports. Lifting of equipment not to exceed 20 pounds.

## **WORKING CONDITIONS AND PHYSICAL EFFORT:**

- Work is normally performed in the office work environment, although some virtual work is permissible
- Very limited physical effort required

**If interested in applying for this position, please contact us  
[jobs@reportingmd.com](mailto:jobs@reportingmd.com)**