



JOB SPECIFICATION

DevOps Engineer

Fraxion Spend Management



Fraxion (Pty) Ltd

Reg. no: 2000/026408/07

Directors: SL Jandrell, MF du Plessis, JF O'Callaghan

4th Floor Waterford House, Waterford Road, Diep River, 7800

PO Box 722, Plumstead, 7801

T: (086) 137 9457 | E: support@fraxion.biz

fraxion.biz

Purpose statement

As a DevOps Engineer, you will be required to ensure the availability, performance, monitoring, and incident response, among other things, of the platforms and services that our company runs and owns.

Responsibilities

Security

- Security management and configuration, response and breach mitigation
- Ensure that all platforms and systems are in line with the required security standards
- Ensuring critical system security through the use of best in class cloud security solutions
- Remediating vulnerabilities on various environments

Compliance

- IT governance compliance
- Help to ensure the delivery of infrastructure solutions
- Complete and perform daily, monthly and yearly audit requirements
- Performance tuning and cost management

Workload management

- Provide business as usual support to your particular workload and environment
- Provide support on escalations for investigation and resolution of technical issues
- Helping to support the reduction in the number of "critical" incidents and investigate possible causes and fixes
- Monitoring daily activities, including change requests, project deliverables and Jira ticket responsibilities - adopting a practical, methodical approach to identify and resolve issues
- Work to implement and make sure environments are structured and built with redundancy and "key component" failures in mind
- Make sure environments and workloads are run as cost effective as possible
- Evaluating new technologies to improve, but not limited to; improving process flow, improving uptime, improving security, improving go-to-market time
- Supporting maintenance of layered software, and infrastructure
- Identifying where applications or hardware are having performance/reliability issues; analyzes and formulates a proposed method to correct issues
- Working on and maintain continuous integration systems
- Application availability

- Performance tuning and cost management
- Automated deployment and configuration management

Technical processes and development

- Develop (where and when necessary) and maintain support procedures
- Develop (where and when necessary) and maintain operating policies and procedures for workloads under management
- Develop (where and when necessary) backup and recovery solutions for workloads under management
- Automating tasks that can and should be automated
- Explore ways to constantly improve quality of existing services, processes and systems in order to maintain system effectiveness and reliability
- Work as part of the engineering team to create a robust and responsive deployment and Integration process (CI/CD)
- Version control

Communication

- Incident response
- Managing technical escalations as necessary
- Communicate relevant technical business solutions to the identified internal or external stakeholder

Education, training and experience requirements:

Skills	<ul style="list-style-type: none"> • MS Office, expert knowledge of Azure platform • Graduate-level qualified in computer science, engineering or a related discipline or equivalent experience • Technical certifications in key infrastructure services and applications (Azure certifications in system design or administration advantageous) • IT governance policy ISO270001 and SOC advantageous
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Experience

- 2 years of experience with AWS services
 - SRE experience specifically in general cloud application development and hosting with a focus on Microsoft Azure Cloud.
 - Experience in reliability tools for preventative and predictive techniques
 - Gateways. Application firewalls
 - Log management and monitoring
 - Microsoft advanced breach and security detection tooling
 - Strong Azure networking, server topologies, TCP IP, virtual networks experience and exposure
 - DBA experience and knowledge
 - Very good understanding of web app environments and server security
 - Solid experience in building highly scalable server architectures
 - Infrastructure and especially platform as service
 - Automation experience with configuration management tools (ansible, chef, puppet, terraform etc.)
 - Be an expert in:
 - working with AWS - EC2, RDS, S3
 - server security
 - setting up backup and stability systems
 - Have solid experience in:
 - Virtual machines - Windows and Linux
 - Docker
 - GIT source code repository
 - SQL server administration and maintenance
 - Setting up and securing highly available solutions
 - managing and installing SSL certificates
 - Configuring firewalls and VPNs
 - Configuring Nagios, new relic or any other monitoring software
 - Writing provisioning scripts in ansible, chef, puppet, terraform etc.
 - Have the ability to:
 - write bash/PowerShell scripts
 - Scripted and automated deployment and configuration
 - management of different projects on different environments (PowerShell etc.)
 - Azure DevOps for automated deployment
 - Understand complex software and system architecture
 - Set up multi-tier architectures
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