

Senior DevOps Engineer

Based in Cape Town, the DevOps Engineer, will be responsible for deploying, automating, maintaining and managing AWS cloud-based production system. The role is required to debug, analyze and suggest system improvements.

REQUIREMENTS

Academic

- Graduate-level qualified in Computer Science, Engineering or a related discipline or equivalent experience
- Technical certifications in key infrastructure services and applications

Experience

- 4 - 5 years of experience with AWS services
- 1 years of programming with Shell Scripting or scripting with Python
- Very good understanding of scalable environments and server security
- Solid experience in building highly scalable server architectures
- Solid experience as a DevOps Engineer in a 24x7 uptime Amazon AWS environment
- Automation experience with configuration management tools (ansible, chef, puppet, terraform etc.)
- Know how to use advanced options of tcpdump and Strace without looking at the manual
- Configuring firewalls and VPNs
- Configuring Nagios, New Relic or any other monitoring software
- Writing provisioning scripts in ansible, chef, puppet, terraform etc.
- Managing and installing SSL certificates
- Working with AWS - EC2, RDS, S3, server security
- Setting up backup and stability systems
- Write bash/PowerShell scripts
- Set up automated deployment of different projects on different environments
- Understand complex software and system architecture
- Set up multi-tier architectures

RESPONSIBILITIES

Security

- 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

- Help to ensure the delivery of infrastructure solutions in line with PCI-DSS and other compliance requirements, including documentation
- Complete and perform daily, monthly and yearly audit requirements

Workload Management

- Provide business as usual support to your particular workload and environment
- Be the technical owner of your particular workloads' infrastructure
- Support escalations from Group Service Desk 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

Communication

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

Technical Process 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

Responsibilities on Demand

- Due to the fluid and dynamic environment within DPO new, additional or changed position responsibilities will occur

- Successful demonstration of change orientation is an on-going responsibility in all positions

OTHER SKILLS

- Good Communication skills
- Continuous Learner
- Professional
- Responsible
- Innovative
- Adaptable
- Ability to work within a team as well as independently
- Analytical/Trouble shooting skills

Email your cover letter and comprehensive CV to talentsa@dpogroup.com.

*Please indicate if you were referred to us, and who referred you.