

## DEVOPS ENGINEER

We have an exciting opportunity available in our Cape Town office. As a DevOps Engineer, you will be responsible for deploying, automating, maintaining and managing AWS cloud-based production system. You will also be required to debug, analyze and suggest system improvements as required.

## REQUIREMENTS

### Academic

- Basic general Linux experience
- Matric
- Any legitimate/valid IT certifications

### Work Experience

- 2 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
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- Good Communication skills

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

## RESPONSIBILITIES

- 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
- 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
- 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; analyses and formulates a proposed method to correct issues
- Working on and maintain continuous integration systems
- Managing technical escalations as necessary
- Communicate relevant technical business solutions to the identified internal or external stakeholder
- Develop (where and when necessary) and maintain support procedures
- Develop (where and when necessary) and maintain operating policies and procedures for workloads under management

# WE'RE HIRING!

- 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

Planning, Architecting, and Scoping network expansions as and when required.

Email your cover letter and comprehensive CV to [talentsa@dpogroup.com](mailto:talentsa@dpogroup.com).

NOTE: Please indicate in your email whether you were referred to us, and if so, please say whom referred you.