

**Position Title:** USSD Squad Support Engineer/Tester  
**Position reports to:** Technical Lead  
**Direct Reports:** N/A  
**Office Location:** Adapt IT Johannesburg Campus

## PURPOSE OF THE POSITION

The candidate will form part of the USSD Squad and will be responsible for both ongoing 3<sup>rd</sup> level Support and assisting BA's and Development team with End to End testing on the USSD Channel. As this is a very busy environment and continuous delivery is expected with frequent deployments He /she could also assist the BA's with User Requirement Specification (URS) content with respect to technical designs. He/she will also be expected to provide 3<sup>rd</sup> level product support when required and will be expected to perform a standby function.

Support functions include applying OS and application patches when and if required.

## PRIMARY RESPONSIBILITIES FOR THE ROLE

- OS, network, and application configuration of new systems.
- Maintaining and contributing to system standards.
- Improve the automation of tasks where possible.
- Managing system security.
- Apply OS and application patches where required.
- Capacity and performance management.
- Research and recommend innovative approaches to improving efficiency.
- Provide system and application support.
- Ability to test and troubleshoot End to End call Journey on the System

## MINIMUM QUALIFICATION AND EXPERIENCE REQUIREMENTS

- A tertiary Engineering or Computer Science degree.
- A high degree of interest, experience and certification in Linux.
- Shell scripting ability for system administration.
- Linux system administration (RedHat/Centos, Apache/NGINX, MySQL/MariaDB/MongoDB, Bash, Python).

- Knowledge of networking protocols and technologies (TCP/IP, SOAP, HTTP, XML, RADIUS, Diameter, SCTP).

### Nice To Have

- Telecommunications technologies (SS7, SIGTRAN, MTP, SCCP, TCAP, MAP, CAP, etc).
- Load Balancers, Routers, Firewalls.
- Big Data / Analytics / Monitoring experience using Elastic, Tableau, Grafana, Prometheus.
- OpenStack, KVM, Xen, Vmware, Docker, Kubernetes, Redis.
- Prior experience with testing software such as Selenium etc.

### Personal Attributes and Qualities

The Candidate must be able to handle a pressured environment and be able to multi-task. He or She must be able to work independently but also be a strong team player. In addition, the following qualities are also vital:

- Strong Leadership Skills
- Clear Communication skills
- Strong Team player
- Ability to learn quickly and work independently.
- Ability to work under pressure

Contact Person: [Nic Cox](#)

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