

Mosudi Isiaka

32, Adeleye Street, Bariga,
Lagos, Nigeria.
+234-8098673498
imosudi@gmail.com

SUMMARY

A Data Center Infrastructure Engineer, LPIC 1 and CompTIA Linux+ certified, an entry-level Software Engineer, an IT support executive, a cloud and edge computing enthusiast and a great team player, with a deep interest in applying algorithmic problem solving to building high quality and scalable software solutions that address everyday user needs. I have completed software engineering training where I was mentored by software engineers from top tech companies, including Google.

TECHNICAL SKILLS

- ❑ Enterprise User IT Support
- ❑ Automation: Ansible
- ❑ Virtualization: KVM, Docker, Vmware
- ❑ Windows, UNIX and Linux Servers Setup and Administration
- ❑ Network Architecture Design, Implementation and Administration
- ❑ Industry Tools: Git, GitHub, Bitbucket
- ❑ Languages: Shell Scripting, Python, MATLAB
- ❑ Web Technologies & Frameworks: HTML/CSS, Flask, Bootstrap
- ❑ Monitoring Systems (Icinga2)

EXPERIENCE

Mott MacDonald, Abuja, Nigeria - *Workplace Services Support Technician*

NOV 2018 - TILL DATE

- ❑ Server hardware refresh and upgrades, OS installation, monitoring, upgrades and performance optimization.
- ❑ Provision of Desktop and on-site IT support, collectively Workplace IT Services within the Africa region.
- ❑ Desktop support includes troubleshooting desktop related problems including PC performance, connectivity and applications issues, managing information security procedures and fulfilling standard service requests such as the provision of new PCs, PC relocations and hardware upgrades;
- ❑ Routine office or site visits to deal with IT incidents, requests, inspect on-site IT equipment and infrastructure as well as emergency visits for urgent incidents;
- ❑ Proactively escalates potential service level breaches through the management structure.

One Network, Lagos, Nigeria - *Data Center Manager*

MARCH 2012 - MAY 2017

- ❑ Assess any current hardware for proper compliance and standards, prepare plans and documents related to data centre expansion or additions.
- ❑ Evaluate the best practices for design and maintenance, and oversee any construction for expansions.
- ❑ Monitor all equipment for security threats and ensure that future expansions include the industry's standards and compliance.
- ❑ Establish and maintain strong, strategic partnerships with vendors and service suppliers.
- ❑ Perform maintenance and upgrades during off-hours and provide 24 X 7 on-call network supports

Packt Publishing Limited, United Kingdom - *Technical Reviewer*

JUNE 2015 - NOVEMBER 2015

- ❑ Mastering Python High Performance by Fernando Doglio, Sept. 2015.
- ❑ Mastering Linux Network Administration by Jay Lacroix, Nov. 2015

Daybreak Afrika Tech, Lagos - *Network Engineer*

NOVEMBER 2006 - JANUARY 2012

- ❑ Microsoft Active Directory Domain Controller using Windows server 2008 R2 and the integration of not less than one thousand Workstations.
- ❑ Firewall with advanced web filtering using a FreeBSD.
- ❑ Linux Routing for multiple Internet Link Aggregation, Load Balancing, Failover and Web cache using Vyatta open-source routing platform.
- ❑ Point to Point Wireless Link and interfacing with NITEL equipment for SAT3 Internet bandwidth access.
- ❑ Setting up the interfacing of ChamsCity network with The Nigerian Internet Exchange Point.

National Youth Service Corps, Enugu State - *Subject Class Teacher*

MARCH 2005 - MARCH 2006

- ❑ Physics and Mathematics Subject Teacher

TRAINING AND SEMINAR

SWESkills Academy, Lagos-Nigeria - *Software Engineering Fellow*

MAY 2017 - AUGUST 2017

A highly selective (5% acceptance rate) accelerated 13-week software engineering training program designed to give trainees a strong foundation in computer science and the practical technical skills to become world-class software engineers.

- Contributed to the implementation and deployment of a web-based recruitment platform. The platform enables teachers to submit their career profiles and apply for teaching jobs advertised by schools. Schools can post job ads on the platform and teachers can apply for them. Worked with a team of 10 developers to implement the system in Python and Flask, and deploy it to the Google Cloud Platform. We followed Agile Software

Development practices including pair programming, weekly iterations and retrospectives. We used Github for version control and Travis for continuous integration.

MTN Nigeria – Hynet/Volume Sales Officer

Mar. 5th – Mar. 7th 2012

- Technical and practical marketing experience
- Configuration of MTN HyNet modems
- Ability to convince and convert buyers to buy.

BITBUCKET PROJECT

- ❑ Web App with Python and Flask: <https://bitbucket.org/imosudi/rubiks>
- ❑ Rubiks3 with Python: <https://bitbucket.org/imosudi/rubiks3/src/master/>

GITHUB PROJECTS

- ❑ Teacher Recruitment capstone project: <https://github.com/sweskills/kuti>
- ❑ Test-Driven Design: <https://github.com/imosudi/testdrivendev>
- ❑ IT Automation with Ansible: https://github.com/imosudi/ansible_i
- ❑ NoteApp with Python: <https://github.com/imosudi/noteapp>
- ❑ Docker-compose deployed app: https://github.com/imosudi/noteapp_docker/

BLOGS & PRESENTATIONS

- ❑ **Multi-Access Edge Computing Deployments for 5G Networks** - [MEC Deployment](#)
- ❑ **Team presentations:** Agile Software Development Process- <http://goo.gl/sSpSFg>
- ❑ **Team presentations:** [Yaqi-Uda Antenna](#)
- ❑ **Team presentations:** Wireless Sensor Network [PSFQ Transport Protocol](#)
- ❑ **Icinga 2:** The best of open-source data centre infrastructure monitoring - <https://goo.gl/aU917s>
- ❑ **Ansible IT automation** - <https://goo.gl/AK7Eox>

EDUCATION

Federal University of Technology, Minna - *M.Engr., Telecommunications Engineering*

NOVEMBER 2017 - 2020

Federal University of Technology, Minna - *B.Engr., Electrical and Computer Engineering*

MARCH 1998 - NOVEMBER 2004

CERTIFICATIONS

Linux Professional Institute

- *LPIC-1 System Administrator* - **LPI000225392**

The Computing Technology Industry Association (CompTIA)

- *CompTIA Linux+* - **COMP001021009937**

OTHER COURSES COMPLETED

- ❑ DEV203x Introduction to Bootstrap – Microsoft, 2015
- ❑ The Science of Everyday Thinking – UQx, University of Queensland, 2014
- ❑ Introduction to Computer Science and Programming Using Python – MITx, 2014
- ❑ LFS101x Introduction to Linux – MITx, 2014