

Mosudi Isiaka

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SUMMARY

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

TECHNICAL SKILLS

- ❑ Automation: Ansible
- ❑ Virtualization: KVM, Docker, Vmware
- ❑ Windows and Linux Servers Administration
- ❑ Network Architecture Design, Implementation and Administration
- ❑ Industry Tools: Git, GitHub, Bitbucket
- ❑ Languages: Shell Scripting, Python, MATLAB
- ❑ Web Technologies & Frameworks: HTML/CSS, Flask, Bootstrap
- ❑ Database: MySQL, SQLite and SQLAlchemy
- ❑ Monitoring Systems (Icinga2)
- ❑ Routing, Link Bonding, Redundancy, Fail-over and Clustering

EXPERIENCE

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

MARCH 2012 - MAY 2017

- ❑ Own virtualization(KVM- Kernel-based Virtual Machine) infrastructures on Ubuntu Linux servers with storage replication of virtual machines at a remote data centre colocation facility in UK using GlusterFS.
- ❑ Setup & configure Icinga2 Escalator for Data Center Monitoring, and Web/Email hosting control panel.
- ❑ VPN interface with a vendors at remote third party data center using Vyatta open source router as a virtual VPN gateway interfacing Cisco IOS as third party VPN gateway.

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 equipments 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 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. In addition, ads can be sent directly to eligible teachers and also show up on job search results on the system.

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. 6th 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>

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>

BLOGS & PRESENTATIONS

- ❑ **Team presentations:** Agile Software Development Process- <http://goo.gl/sSpSFq>
- ❑ **Team presentations:** [Yagi-Uda Antenna](#)
- ❑ **Team presentations:** Wireless Sensor Network [PSFQ Transport Protocol](#)
- ❑ **Icinga 2:** The best of open source data center infrastructure monitoring - <https://goo.gl/aU917s>
- ❑ **Ansible IT automation** - <https://goo.gl/AK7Eox>

EDUCATION

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

NOVEMBER 2017 - SEPTEMBER 2019

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

MARCH 1998 - NOVEMBER 2004

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
- ❑ Circuits and Electronics – MITx, 2012