James Kinga Nyoro

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PROFESSIONAL EXPERIENCE

Freelance Software Developer
TopCoder

10/2022 – present

- Bug Hunt & Bug Fix Verifications
- Working with test cases, provide insights and feedback about the products.
- Investigate software bugs and interface with developers to resolve technical issues.
- QA: Selenium, Usability testing

Collaboration Engineer
NCBA Group

10/2022 – present
Nairobi, Kenya

- Configure and harden voice gateway routers at the data center, define call routing paths, SIP, and integrate telephony billing (PhonexOne).
- Develop technology processes for automating repetitive tasks and empowering the Contact Center and Service Desk professionals to resolve more calls on first contact.
- Design, build, configure, monitor, and support the Email (Microsoft Exchange) Systems for the entire organization.
- Manage the hybrid configurations for Exchange for Business with Office 365 and provide email archiving solutions.
- Implement Cisco collaboration portfolio such as CUCM, UCCX, Jabber, IM and video conferencing solution.

Network Engineer
NCBA Group

04/2022 – 09/2022
Nairobi, Kenya

- Manage and administer the company's network infrastructure and services including LAN / WAN, Routers, Switches, Firewalls, IPS/IDS, VLANs, MPLS, Proxy, NAT, NTP, DNS, IPsec, and Access Control Lists.
- Responsible for uptime of Network Infrastructure and Services and SLA management.
- Configure Firewalls and VPN to allow and disallow traffic upon request from infosec team.

IT Support Intern
Kenya Power and Lighting Company

06/2019 – 09/2019
Thika, Kenya

- Set up computer networks using technologies including TCP/IP, NAT, DNS, DHCP, VLAN, etc.
- Technical support for network and endpoint issues including switch, router, and wireless access point.
- Provided guidance on software installation and configuration best practices to staff's specific infrastructure requirements.
- Support PC hardware components, desktop operating system software, and application software.

Network Optimization Engineer
Safaricom PLC

06/2018 – 11/2018
Nairobi, Kenya

- Configure and optimize over 50 3G and 4G sites during the major 2018 BTS rollout in a coordinate team effort with the support of Huawei, Nokia and Ericsson engineers using U2000 among other tools.
- Configure and troubleshoot Unix/Linux based transceivers and controllers including Nokia BSCs and Huawei RNCs/BSCs using the terminal and bash scripts.
- Analytical and problem-solving ability to swiftly evaluate requests and incidents.

EDUCATION

Software Engineering
ALX

01/2021 – 03/2022

- The ALX Holberton Software Engineering program is a 12-month(70h/week) immersive program that engages technology enthusiasts and budding software engineers in a variety of programmes across in-demand tech disciplines to prepare them for a global career as a Full-Stack Developer.

BSc. Telecommunication and Information Engineering 10/2015 – 12/2021
JKUAT Juja, Kenya
- Specialized in Telecom Domain (SS7 &, SIGTRAN) and network engineering; 2G, 3G &
  4G network technologies; TCP & OSI Model; Multiple access systems; and basic concepts
  of software engineering and system design.

Kenya Certificate of Secondary Education 01/2011 – 11/2014
Murang'a High School Murang'a, Kenya
Mean Grade: A

PROJECTS

Cloud Resume Challenge 11/2022 – present
Tech Stack: HTML | CSS | SASS | JavaScript | AWS Technologies
- Apply HTML, CSS, SASS, and JavaScript to create a resume.
- Use a variety of AWS services and technologies for different functionalities. These
  included: S3 Bucket, Route 53, CloudFront CDN, AWS Lambda, API Gateway, and
  DynamoDB.
- The goal of the challenge is to develop a website running on serverless cloud
  infrastructure and building a CI/CD pipeline.

Twitter Bot Challenge 02/2022
(1 Month: Python) (https://github.com/King-Kingah/simple-twitter_bot)
Tech Stack: Python | RESTful API | Tweepy (Python Library)
- Developed a Twitter Bot in Python using Twitter API, focused on spreading high-quality
  educational information about software development and web development.
- Check it out here ⊘ . You can read more about my experience participating in this
  challenge in this blog post ⊘ .

Simple Shell 04/2021
(2 Weeks: C) (https://github.com/King-Kingah/simple_shell)
Tech Stack: C (programming language) | Bash | Shell Scripting
- Partner project to build a custom Unix bash shell that can do PATH handling and process
  command line commands.

SKILLS & INTERESTS

Computer Networking
LAN, WAN, VPN, Proxy, Network monitoring (Cisco
Prime, Solarwinds), Network troubleshooting, Data
Centre, Systems Installation, Network security (Cisco
ISE)

System Administration
Shell Scripting, Bash, VMware and Server Deployment
using variuos Linux Distributions

DevOps & Cloud
GitHub, CI/CD, Ansible, AWS Cloud: S3, Lambda
Functions

FullStack Web Development
Frontend: JavaScript, Reactjs, CSS, HTML
Backend: Python, Django and Flask Frameworks,
Nodejs, REST APIs

Soft Skills
Analytical and Critical Thinking, Team player, Excellent
Interpersonal Skills

Database Management
MySQL, SQL, MongoDB, PostgreSQL

CERTIFICATIONS

Acronis Cloud Tech Associate Certified 03/2022

AWS Certified Cloud Practitioner 01/2022

Aviatrix Certified Engineer - Multi-Cloud Network Associate 09/2020

Juniper Networks Certified Associate, Automation and DevOps 07/2020

REFERENCES

Available upon request