Stephen Waweru Muiruri

P.O BOX , X332+6X7, Thika

Phone: +254 701 313 327

Email: stevemuiruri84@gmail.com

----------------------Summary: --

Experienced Full-Stack Software Developer with a passion for software development and a comprehensive skill set encompassing backend and frontend technologies, database management, UI/UX design, and DevOps practices. Proficient in creating robust web applications, optimizing performance, and delivering exceptional user experiences. Strong expertise in containerization, API development, and cloud technologies. Aspiring to contribute my expertise in a dynamic and innovative team environment.

---------------------Technical Skills: ---

- *Programming Languages*:   Python, JavaScript (Node.js), C
- *UI/UX Designing*:   Sketch, Figma
- *Front-End:*   ReactJs, HTML, CSS, SCSS, Tailwind CSS
- *Backend Frameworks*: Express, Flask
- *API Development*:   RESTful APIs, Swagger, Postman
- *Relational Databases:*   MySQL, PostgreSQL
- *NoSQL Databases*:   MongoDB
- *ORM*:   SQLAlchemy
- *Webserver Administration*:   Nginx, Apache
- *DevOps*:   Docker, Kubernetes, Git, Puppet, Bash
- *Cloud Platforms:*   AWS, Google Cloud
- *CMS*:   WordPress, sanity.io
- *Version Control System*:   Git (Agile development methodologies)
- *Linux/UNIX Server Administration*
- *CI/CD Pipelines*

------------------Professional Experience: --

1) *Freelancer Developer, Fiverr – remote*.

   Jan 2022 – Present.

   Main duties:

   - Developing and maintaining web applications using React, Express, and Node.js.

- Implementing responsive UI design using Tailwind CSS, ensuring optimal user experience
- Developed RESTful APIs and integrated front-end with back-end services using Node.js and Express.
- Optimizing database schemas, authored efficient SQL queries, devised stored procedures, and created functions for data manipulation
- Implemented robust DevOps practices encompassing containerization (Docker) and streamlined development and deployment via CI/CD pipelines (Jenkins).

2) *Freelance Developer, Upwork – remote*.

2021 – 2022.

Main duties:

- Utilized Python and Flask to build backend services and REST APIs for data retrieval and manipulation
- Collaborated seamlessly with cross-functional teams to ensure smooth UI/UX integration and effective issue resolution
- Implemented automated deployment scripts using Bash and Puppet
- Actively contributed within Agile development methodologies to fulfill Clients objectives

3) *Technician, Laptop Doctors Nairobi*.

Jul 2017 – Aug 2022

Main duties:

- Replaced and repaired damaged hardware components, including RAM modules, hard drives, optical drives, and cooling systems.
- - Diagnosed and resolved software-related issues, encompassing operating system errors, driver conflicts, and malware infections.
- - Successfully recovered data from impaired or corrupted hard drives and storage devices.
- - Applied soldering and desoldering skills to handle electronic components on circuit boards when required.

4) *Intern – Infrastructure Support System Department, Jomo Kenyatta University of Agriculture and Technology*.

April 2019 – Aug 2019

Main duties:

- - Monitored network performance, addressed connectivity challenges, and executed necessary upgrades and optimizations.

- - Implemented access control protocols to safeguard sensitive data and resources within the university's ICT infrastructure.
- - Set up, configured, and maintained efficient IP telephony systems, facilitating seamless communication across the university.
- - Conducted periodic audits of the university's ICT systems, identifying vulnerabilities, risks, and potential improvements.
- - Proactively integrated security patches, updates, and best practices to bolster the security posture of the ICT infrastructure.

------------------------Education: --

i. Software Engineering, Alx-Africa.

Nov 2022 – Present (Nov 2023)

ii. Bachelor of Science in Applied Physics and Computer Science, Physics department,

Multimedia University of Kenya, 2nd class honors.

Sept 2016 – Dec 2020

iii. Kenya Certificate of Secondary Education, Muhoho High

Feb 2012 – Nov 2015, B+ (73/84 points)

---------------------Additional Skills. ---

- - Demonstrated ability to quickly adapt and learn new technologies and tools.
- Proficiently administer Linux systems and manage packages.
- - Familiarity with container orchestration platforms like Kubernetes.
- - Exhibit strong problem-solving capabilities with a logical and detail-oriented approach.
- - Excel as a team player, adept at collaborative efforts.

--------------------Referees. ---

Dr. David Wekesa

Head Of Physics Department.

Multimedia University Of Kenya

Mobile: +254 725 037 264

Email: Dwekesahit@gmail.com

Micheal Waititu

Deputy Director

JKUAT Industrial Park Limited, Projects, Innovation & Incubation Lead

Mobile: +254 769 751 432

Email: waititumichael@yahoo.com