Zaquir Kambo Maina

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Summary

Hey I am Maina Zaquir a **Versatile and dynamic Full Stack Developer and DevOps Specialist** with a passion for leveraging technology to solve complex problems and drive innovation. Experienced in building scalable, user-focused web applications, optimizing workflows, and designing efficient data management systems. Proficient in a wide range of IT disciplines, from software development and DevOps to data analysis and system integration. Renowned for delivering cutting-edge solutions that enhance operational performance, streamline processes, and align with organizational objectives. A quick learner with a proactive mindset, capable of adapting to any IT-related challenge to deliver exceptional results.

Experience

SQL Data Analyst

Collection Africa Limited : April 2023 – January 2025

- Redesigned and optimized data management workflows, achieving a 20% increase in operational efficiency.

- Built a call quality assurance system, enabling the organization to monitor and evaluate agent performance with advanced filtering options (e.g., by phone number, timespan, MicroSIP ID).

- Integrated features for downloading call recordings securely, improving usability for audits and compliance.

- Implemented robust data validation techniques, ensuring 30% faster and more reliable data accessibility for team members.

- Developed and deployed automated reporting dashboards, reducing manual reporting efforts by 40% and enabling data-driven decision-making.

- Collaborated with cross-functional teams to provide actionable insights, directly impacting client retention rates (+15%) and operational strategies.

- Documented system architecture and conducted team training, cutting onboarding time by 40%.

Education

Moringa School, Nairobi

- Certificate in Software Engineering (September 2023 – March 2024)

- Certificate in DevOps (March 2023 – June 2023)

MODCOM, Westlands

- Certificate in Software Engineering (April 2022 – August 2022)

Thika High School, Thika

- KCSE Certificate (January 2018 – April 2022)

Utafiti Primary School, Zambezi

- KCPE Certificate (2007 – 2018)

Technical Skills

Frontend: HTML5, CSS3, JavaScript, Bootstrap, Tailwind CSS, React

Backend: Node.js, Flask

Databases: SQL, MongoDB

DevOps Tools: Docker, Kubernetes, Jenkins, Google Cloud

Programming Languages: Python

Other: Git

Key Projects

1. React E-commerce Website (Soko-Safi)

- Developed a full-scale e-commerce platform replicating a clothing and accessories store.

- Designed a clean, user-friendly interface for seamless navigation, incorporating real-time search and filtering.

- Integrated dynamic product pages and shopping cart functionality, enhancing customer interaction.

Technologies: React, CSS, JavaScript

Outcome: Created a functional prototype, reducing user bounce rates by 35%.

2. Python Budget Tracker

- Built a command-line tool to help users effectively track personal finances by automating expense categorization and calculations.

- Provided users with intuitive prompts for entering expenses and tracking savings.

Technologies: Python

Outcome: Increased user financial management accuracy, helping 70% of testers improve budgeting habits.

3. Food Recipe Web App

- Created a recipe search platform that uses external APIs, providing users with a wide variety of recipes.

- Added advanced filtering and search options for easier navigation of recipe categories.

Technologies: HTML, CSS, JavaScript

Outcome: Delivered a visually appealing and interactive application that improved user engagement by 25%.

Certifications

Software Engineering Certificate (Moringa School)

DevOps Certificate (Moringa School)

Software Engineering Certificate (MODCOM)