ELIJAH WANDIMI

SOFTWARE ENGINEER

NAIROBI, KENYA| INFO.ELIJAHWANDIMI@GMAIL.COM |
HTTPS://WWW.LINKEDIN.COM/IN/ELIJAH-WANDIMI/ |
HTTPS://GITHUB.COM/ELIJAHWANDIMI

Summary

Result –driven Software engineer with a strong background in backend development, API integration, and scalable system design. Experienced in Java, Python, and TypeScript, with expertise in frameworks like Spring and NodeJS. Proficient in building high-performance, secure and reliable systems using modern tools and platforms like docker and Kafka. Adept at collaborating with cross-functional teams to deliver robust solutions and improve operational efficiency. Passionate about continuous learning and mentoring.

Skills

Core Languages: Java, Python, TypeScript, Dart.
Frameworks: Spring (Spring Boot, Spring Data, Spring Security, Spring Cloud), Flutter, NodeJS (NestJS, ExpressJS)
Tools and Platforms: Docker, Git/GitHub, AWS, Kafka
Data management: SQL, PostgreSQL, Snowflake, MySQL, Redis.
Soft Skills: Problem solving, Collaboration, Adaptability

Experience

VERTEX HUB GROUP LTD.

Software Engineer | January 2024 – Present
Solution Sacco

- Developed and maintained scalable financial transactions backend services and RESTful APIs using Java and Typescript achieving low latency.
- Collaborate with cross-functional teams to optimize database schemas and queries on Postgres for faster data querying.
- Integrated with third-party services extending the system functionality and provision of services via a single platform.
- Integrations with payments systems like M-Pesa leading to 20% increase in customer acquisition.
- Actively working on incorporating Redis to introduce caching mechanisms into the system leading to increase in response time.
- Developed a highly available and resilient USSD service used for deposits, withdrawals, and loan management resulting in a 30% improvement in customer satisfaction.

FinSwitch

- Developed scalable mobile applications using flutter and dart utilising NFC for contactless payments leading to a 40% increase in product adoption and 50% increase in revenue.
- Restructured the software architecture, optimising performance and reducing incident by 30%, contributing to a more reliable funds mobilisation system.
- Improved the API design of a loan management system reducing the API latency by 50% and improved security.

MELIORA TECHNOLOGIES

Software engineer - Backend | June 2023 – Dec 2023

- Built and maintained scalable and secure backend systems using Java ensuring high performance, reliability and robust security.
- Co-developed a coaching customer management web application in a microservice architecture.
- Designed and implemented a custom CMS solution to meet clients' unique requirements, resulting in increased efficiency and user engagement.

Education

MULTIMEDIA UNIVERSITY OF KENYA

Nairobi, KE| BSc in Software Engineering

Completed relevant coursework in systems engineering, database management, software engineering, mathematics, algorithms and their design, and AI.

Leadership

Peer mentorship with other developers, coordinate project tasks, and implement best practices to ensure timely delivery of high-quality systems.
Program manager, MMU CIT CLUB: Created specialized groups focused on the various tech fields to offer tailored training to students based on their interests. We received the most active club award in the 2022-2023 academic year earning me a certificate of recognition from the university's Vice Chancellor.

Achievements

Zindi Africa | Nov 2022

2nd Winning Solution: Kenya Sign Language Classification by Jenga School.