KERICH KIMTAI

Nairobi, Kenya +254725850798
festuskerich@gmail.com portfolio

Experienced Backend Engineer with 5 years of expertise in designing, developing, and maintaining server-side applications. Highly skilled in Java, Spring Boot, and PHP, with a proven track record of building, integrating, and managing microservices. Possesses a deep understanding of APIs and communication protocols, enabling effective development and integration of server-side systems. Demonstrates excellent troubleshooting abilities and a good understanding of cloud and ISP systems environments. A team player who is self-motivated and focused on delivering exceptional customer deployment, implementation, and support.

EXPERIENCE

JUNE 2021–PRESENT

SENIOR SOFTWARE ENGINEER,

CELLULANT LTD.

RESPONSIBILITIES

- As an Integration Specialist, I played a crucial role in seamlessly integrating Cellulant's payment gateway with various payment providers. This involved leveraging my expertise in API development, including designing and implementing RESTful and SOAP APIs, as well as my insightful understanding of communication protocols such as HTTP, TCP/IP, and WebSocket. Through my contributions, I ensured efficient and flexible integration capabilities, enabling seamless interaction between different components and systems
- Designed and developed large, scalable applications using Spring Boot, Quarkus, and Apache Camel. • Maintained legacy PHP applications while also taking the initiative to upgrade them to Spring Boot. This involved troubleshooting complex technical issues, diagnosing server-side problems, and implementing effective solutions to ensure system reliability, security, and performance.
- Collaborated with large cross-functional teams in designing, building, testing, and shipping financial solutions to customers.
- I am responsible for maintaining and optimizing a high-traffic payment gateway. This involved ensuring the smooth operation and uninterrupted availability of the payment gateway, even under heavy loads. I implemented various performance optimization techniques, such as load balancing, and database optimization, to enhance the gateway's efficiency and response times. Additionally, I actively monitored and analyzed system performance, identifying bottlenecks and implementing necessary improvements to optimize the gateway's performance and scalability.
- Contributed to the migration process of the payment gateway APIs to Google's APIGEE platform. This involved successfully planning, executing, and overseeing the migration of the APIs, ensuring a seamless transition to the new platform.

JUNE 2019–2021

SOFTWARE ENGINEER,

TANGAZOLETU LTD

Projects handled:

I**. SPOTCASH** – Banking solution for Sacco (USSD and Android Application)

ii. **BIMAS** – Microfinance solution (USSD, Portal and Android Application)

iii. **UFAHARI** – Professional hiring application (Android and Laravel APIs).

iv. **SAFARICOM VAS** – CRUD Microservice.

RESPONSIBILITIES

- I actively collaborated with a team in designing, implementing, and managing financial software programs. Working closely with cross-functional teams, I participated in the entire software development lifecycle, from the initial design phase to the final implementation and ongoing management of the software.
- I was responsible for the maintenance of existing systems by making necessary modifications and enhancements. This role involved closely monitoring the performance and functionality of the systems, identifying areas for improvement, and implementing necessary changes to ensure their optimal operation. I actively collaborated with stakeholders, including users and developers, to understand their requirements and address any issues or change requests.
- I successfully delivered software solutions to customers while strictly following the agile methodology. I actively participated in agile ceremonies and collaborated with cross-functional teams to break down requirements, estimate efforts, and prioritize work.
- I Consistently achieved goals and delivered high-quality work, leveraging a proactive mindset. Successfully adapted to changing requirements, driving impactful outcomes, and contributing to overall project success.

EDUCATION

SEPTEMBER 2014 – DECEMBER 2018

DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY

Bachelor of Science in Computer Science

FEBRUARY 2010 – NOVEMBER 2013

TENWEK HIGH SCHOOL

Kenya Certificate of Secondary Education

CERTIFICATIONS

- Scaled Agile Certification (SAFe).
- AWS Cloud Practitioner Certification.

SKILLS

- Backend Development: Extensive experience in developing server-side applications using Spring Boot, Java, Quarkus, and PHP. Proficient in utilizing these programming languages and frameworks to build robust and scalable backend systems.
- Database Management: Proficient in working with Oracle and MySQL databases for efficient data storage, retrieval, and management.
- Cloud Services: Experienced in deploying and managing applications using Docker for containerization, Kubernetes for orchestration, Rancher for container management, and AWS for cloud infrastructure.
- Technical Troubleshooting: Strong problem-solving skills, capable of identifying and resolving complex technical issues efficiently. Experienced in diagnosing server-side problems and implementing effective solutions.
- Communication Protocols: Insightful understanding of communication protocols such as HTTP, TCP/IP, and WebSocket. Able to effectively utilize these protocols to enable seamless interaction between different components and systems.
- Networking Expertise: Possessing exceptional skills in IP networking, specializing in various protocols such as IPSEC VPN. Proficient in designing, implementing, and troubleshooting intricate network configurations to ensure dependable and secure communication.
- Linux/UNIX Proficiency: Highly skilled in Linux/UNIX systems, with a deep understanding of their architecture, command-line interface, and administration. Proficient in managing and configuring Linux/UNIX servers, performing system troubleshooting, and implementing security measures. Experienced in shell scripting and automation to streamline tasks and optimize system performance.
- Project Management Tools: Proficient in utilizing JIRA and Click-Up for effective project management, task tracking, and collaboration.
- Version Control: Experienced in using Git for version control, and familiar with GitHub and Bitbucket for code repository management and collaboration.
- Methodology: Knowledgeable in Agile methodology, enabling efficient project execution, iterative development, and collaboration within cross-functional teams.
- Monitoring and Observability: Experienced in utilizing New Relic for monitoring and observability, ensuring optimal performance and identifying potential bottlenecks in applications.

REFERENCES

Available upon request