

Profile

Skills

Full-Stack Development & System Architecture: Proficient in designing scalable, client-centric solutions

Programming: Java, PHP, Yii2, Flutter, Dart, JavaScript, TypeScript, SQL

Modern Development Stacks: Expertise in Spring Boot, Angular, REST APIs, Microservices

Cloud Platforms: AWS, Azure

Bridging Technical & Business Teams: Translating complex technical requirements into actionable business solutions

Client-Centric Solution Design: Focus on delivering long-term value and meeting real business needs

Mentoring & Team Building: Expertise in fostering cross-functional collaboration and relationships with clients

Fast-Paced Problem Solving & Adaptability: Thrive in dynamic, high-pressure environments

A highly motivated and results-driven software developer with a solid foundation in full-stack development, cloud technologies, and system architecture. Combines technical expertise with a client-centric mindset, ensuring solutions not only function but also add long-term value to the business. Passionate about technology and sales, thrives at the intersection of product innovation and customer engagement. Able to bridge the gap between technical teams and business stakeholders by translating complex technical requirements into clear, actionable solutions. Experienced with modern development stacks, including Spring Boot, Angular, REST APIs, microservices, and cloud platforms like AWS and Azure. Strong communication and presentation skills align technical strategies with business goals. I am skilled in mentoring, fostering collaboration, and building strong relationships with clients and team members in fast-paced environments.

Professional Experience

Senior Software Engineer | Techsavanna Technology, Nairobi, Kenya July 2024 - Present

- Spearheading the development and optimization of high-performance, scalable applications using Java and Spring Boot, ensuring seamless user experiences and robust functionality across platforms.
- Designing dynamic, responsive front-end solutions with Angular and modern JavaScript frameworks, enhancing user interface efficiency and interactivity.
- Championing DevOps practices, including CI/CD pipeline integration, containerization with Docker and Kubernetes, and cloud infrastructure management, boosting operational efficiency and deployment reliability.
- Collaborating with multidisciplinary teams to drive innovative software solutions, aligning business goals with cutting-edge technical strategies.

Software Engineer | Turnkey Africa, Nairobi, Kenya January 2023 – June 2024

- Led the development and enhancement of Turnquest insurance application using Spring Boot and Angular, refining customer experience and resolving technical issues in the insurance policy domain.
- Gained deep expertise in customer relationship management, playing a key role in application support and troubleshooting for diverse customer inquiries.
- Collaborated with industry experts and participated in immersive workshops, applying advanced technical concepts to improve software functionality and user engagement.
- Developed critical skills in team collaboration, effective communication, and solving complex customer challenges.

Freelance Software Developer | Upwork January 2022 – December 2022

- Deployed complex applications in Linux environments, ensuring reliable and secure infrastructure setup for clients.
- Worked closely with development teams to ensure architectural alignment through mentoring and hands-on guidance, fostering a collaborative, results-driven approach.
- Delivered high-impact REST API endpoints and ensured smooth client interactions through well-structured technical solutions.

Software Developer | Brainverse Technologies, Nairobi, Kenya January 2021 – December 2021

- Integrated Mpesa STK Push for mobile payments, enhancing application functionality for seamless financial transactions.
- Designed and developed Hospital System REST APIs, streamlining patient management and improving healthcare delivery efficiency.
- Incorporated Bulk SMS functionality to enhance communication in applications, improving client engagement and real-time notifications.
- Played a key role in Ideastream application development using the Laravel framework, delivering innovative and scalable web solutions.

Remote Work Experience:

- Experienced working with international teams and US-based clients in distributed development environments.

Availability: Open to remote opportunities globally

Notable Projects

- **Point of Sale System:** Developed a user-friendly retail transaction and inventory management system, integrating secure payment gateways for smooth operations.
- **Loan Management System for Palla Credit:** Designed and built a comprehensive loan application and repayment platform, automating key processes and ensuring data accuracy and security.
- **Donation Apps for World Vision (Kenya & Tanzania):** Created seamless donation apps with SMS integration for real-time transaction updates, boosting user engagement and donation rates.
- **MCSK Revenue Collection Platform:** Implemented USSD and 2-way SMS solutions for efficient revenue collection, improving communication and ensuring real-time updates.
- **Turnquest Insurance Support System:** Migrated legacy components to modern technologies, increasing system stability and performance.

Key Achievements

- Awarded Best Engineer for Q1 2023–2024 for exceptional performance, innovation, and impactful software solutions.
- Successfully migrated Turnquest Application from Oracle ADF to a modern Spring Boot and Angular architecture, greatly improving system performance and scalability.
- Refined the Turnquest system by implementing microservices, enabling the management of multiple clients within a single instance for better scalability and flexibility.
- Integrated multiple payment gateways (cards, **PayPal**, SMS) into donation apps, improving transaction reliability and user experience.

Education

Bachelor of Science in Computer Science – Egerton University (2016 - 2020) | Second Class Honours Upper Division

Kenya Certificate of Secondary Education – Kericho High School (2012 – 2015) | KCSE Mean Grade: A-

References

Zack Otieno Ogoma | CRM Engineer, Safaricom PLC, 0703907872

