VICTOR MWENDA

SENIOR SOFTWARE ENGINEER

CONTACT

- +254726766766
- kiambi15@gmail.com
- Nairobi, Kenya
- https://victorkiambi.github.io

EDUCATION

2014 - 2021
KENYATTA UNIVERSITY

- BSC Computer Science

SKILLS

- Java
- Kotlin
- Android Development
- PHP (Laravel)
- Cloud Technologies (AWS)
- Container Platforms (Kubernetes/Docker)
- Web Development
- JavaScript (React, Next js)
- Spring Boot
- MySQL
- API Develoment

LANGUAGES

- English: Fluent
- Swahili: Fluent

PROFILE SUMMARY

Senior Software Engineer with 6+ years of experience building scalable solutions that serve 20M+ users. Proven track record in fintech, telecommunications, and digital marketing, combining technical leadership with hands-on development expertise in Java, Kotlin, and cloud technologies. Skilled in leading cross-functional teams and delivering innovative solutions that drive business growth.

WORK EXPERIENCE

AfriScout
Senior Software Engineer
02/2023 - PRESENT, NAIROBI

- Leading end-to-end development of AfriScout Regen MVP, a groundbreaking range-land monitoring and carbon credit platform, while orchestrating collaboration between remote teams to deliver key milestones on schedule.
- Reduced app crash rate by 75% through systematic identification and resolution of critical bugs, resulting in 40% improvement in user retention and 95% positive user feedback across mobile and dashboard platforms.
- Led technical strategy development and implementation of yearly product roadmaps, resulting in successful launch of 3 major features that increased monthly active users by 60% and reduced technical debt by 40%.

CarePay Ltd
Software Engineer
08/2022 - 01/2023, Nairobi

- Architected and implemented RESTful APIs powering 10+ critical insurance features, reducing integration time for new insurance providers by 60% and enabling seamless onboarding of new providers.
- Coordinated efforts across front-end, DevOps, and business development teams to successfully launch CarePay's MVP, leading to expansion into new markets in the UAE.
- Led system maintenance and optimization initiatives for CarePay's core healthcare platform, ensuring 99.9% uptime while reducing customer support response time by 40%

SaltPay
Android Terminals Engineer

12/2021 - 07/2022,
Porto, Portugal

- Engineered robust Android payment applications for European merchants, reducing transaction processing time by 40% and maintaining 99.9% successful transaction rate.
- Developed and optimized Android terminal UI/UX using Kotlin and Jetpack Compose, resulting in 30% faster merchant onboarding and 90% positive user feedback.

Safaricom PLC
Software Engineer - Integrations

03/2021 - 11/2021,
Nairobi

- Architected and deployed high-performance USSD platform (∗544#) handling 20M+ daily transactions for mobile data purchases, achieving 99.99% uptime with sub-second response times using Java Spring & MySQL.
- Engineered dynamic pricing algorithm for personalized mobile data and voice offers, driving 11% revenue growth and increasing offer acceptance rate by 35% across 20M+ subscriber base.
- Developed and implemented RESTful API integrations with M-Kopa and ShowMax, enabling seamless third-party service purchases that generated new revenue streams and expanded customer base by 25%.

SmartCodes
Technical Lead

11/2019 - 02/2021,
Dar es Salaam, Tanzania

- Led a cross-functional team of 10 developers to deliver 3 major products on time and under budget, resulting in 30% increase in company revenue
- Spearheaded complete modernization of flagship M-paper platform, architecting migration from legacy PHP to Laravel 7 that reduced system downtime by 80% and enabled integration with partner platforms including Ezy-Gazeti.
- Led end-to-end development of SuperStore, a multi-vendor FMCG e-commerce platform built with Laravel/Vue.js, and Flutter, successfully.
- Architected Tanzania's first local real-time advertising platform (Kwanza) using React/Laravel, generating new revenue channels through programmatic advertising
- Orchestrated agile development across 3 major products with 10-person cross-functional team, delivering 95% of sprints on time while maintaining 90% stakeholder satisfaction rate.

PixelEdge
Software Engineer

11/2019 - 08/2020,
Northampton,
Massachusetts

- Architected and developed a scalable multi-tenant administration dashboard using React, Laravel, and MySQL, enabling seamless client management and improving system administration efficiency.
- Engineered custom API integrations for third-party clients using Laravel, streamlining data exchange and enhancing system interoperability.
- Implemented comprehensive testing infrastructure with PHP unit tests and automated Postman API tests, ensuring reliable system performance and code quality.