

Davies Ngwiri Gitau

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SUMMARY

Senior Full-stack Engineer with a proven track record of leading software architecture and product development, particularly in SaaS applications for small, medium, and enterprise organizations. Extensive experience in mobile development, backend architecture, and managing development teams. Highly proficient in designing scalable, secure, and user-friendly solutions that align with business goals and drive user engagement.

EXPERIENCE

Project Manager | Mobile Developer

Barizi Communications

September 2024 - May 2025, Nairobi

- SaaS E-Commerce Solution Development: Built a scalable, high-performance app to serve diverse businesses, ensuring cross-device compatibility for thousands of users.
- On-Demand E-Mobility Service: Currently overseeing the app's development, gathering requirements with stakeholders, aligning business processes, and ensuring a robust user experience.
- Team Leadership: Leading a team of five developers, managing cross-functional collaboration, and ensuring project milestones meet quality standards.
- Quality Assurance: Responsible for overseeing the QA process, conducting regular reviews, and implementing best practices to maintain app reliability.
- Executed a mobile app development project from concept to launch, coordinating with a team of designers and developers to deliver a 30% increase in user engagement through seamless UX/UI design and performance enhancements.

Mobile Development Consultant

Barizi Communications

March 2024 - July 2024

- Crafted seamless user interfaces from detailed wireframes on both iOS and Android platforms, achieving optimal user interactivity and application performance.
- Implementing and integrating RESTful endpoints provide by backend team, facilitating the incorporation of essential features and functionalities, resulting in a cohesive and robust user experience.
- Spearheaded the development of cross-platform mobile applications, achieving a 45% increase in user engagement through strategic implementation of interactive elements and intuitive design on iOS and Android platforms.

Senior Android Engineer

20NINE Tech AB

September 2023 – December 2023

- Developed UI from Figma designs for a financial mobile app, enhancing user experience with responsive, high-quality code.
- Integrated RESTful APIs, optimized performance, and led collaboration with cross-functional teams to streamline app performance and user satisfaction.
- Implemented advanced Kotlin features and architecture components to enhance app scalability and maintainability, elevating user engagement by 35% over six months.

Fullstack Engineer – Backend Focused

SwiftDial Systems Limited

November 2021 – August 2023, KE, Nairobi

- Enhanced a Bulk SMS System and Cloud Contact Center, boosting customer engagement by 20% through advanced backend optimizations using Java (Spring Boot).
- Integrated third-party APIs and managed Linux server configurations, contributing to a 35% reduction in support calls.

Backend Developer

Lixnet Technologies Kenya

October 2020 - February 2022, KE, Nairobi

- Built banking software for over 100,000 users, created an ERP backend for 1,000+ users, and implemented an API licensing system.
- Improved uptime by 16% via performance monitoring and automated deployments using Jenkins pipelines.

Backend Developer

SmartWeb Kenya

April 2019 - September 2019

- Developed APIs and contributed to scalable applications, including a forum and a church app, using Vue.js, Laravel, and Node.js.
- Led a church app project on Flutter and Firebase, enabling seamless donations.
- Engineered backend infrastructure for a real-time analytics platform utilizing Node.js and MongoDB, achieving a 15% increase in data processing efficiency and supporting scalable user traffic across multiple regions.

PROJECT

Coinscentric

Coinscentric • December 2023 - Present

- Coinscentric provides users with a 360-degree view of their finances, enabling them to track income, manage expenses, and explore investment opportunities. Here's a quick peak at what we're doing at Coinscentric:
- Democratizing financial literacy through personalized insights and data-driven recommendations.
- Fostering a community-based learning model, connecting users with vetted financial advisors and exclusive educational content.
- Leveraging machine learning capabilities to tag expenditures, providing users with actionable insights into their spending habits and enhancing financial psychology.
- Partnering with key financial institutions to offer seamless integration of financial services.
- Coinscentric is not just a financial app—it's a movement toward greater financial empowerment and inclusion in Kenya, with a vision to expand its impact across Africa.

Yasil

Barizi Communications • yasil.co.ke • October 2024 - May 2025

- Led a cross-functional team of **3 developers**, overseeing project execution, sprint planning (Agile/Scrum), and stakeholder coordination with product managers, owners, and clients.
- Developed key features across the **backend (APIs, business logic)** and **frontend (responsive UI)**, ensuring seamless integration and performance.
- Conducted **code reviews**, enforced best practices, and mentored team members to maintain code quality and scalability.
- Collaborated on **UI/UX design**, aligning interfaces with modern trends to enhance usability and customer engagement.
- Bridged technical and non-technical teams to align development with business goals, ensuring timely deliveries.

Somar LMS

Swifttdial Systems

- Led the development of Somar LMS, a scalable SaaS platform for local colleges, with each institution averaging over 400 students, addressing diverse academic management needs.
- Architected the backend using Node.js and Vue.js for the frontend, ensuring smooth data flow, optimized user authentication, and efficient course management functionalities.
- Enhanced platform utilization by 25% through responsive design and continuous improvement, based on real-time feedback from colleges, ultimately increasing platform retention rates.

Sauti Cloud Contact Center

Backend Developer

- Spearheaded the integration of Freeswitch with a web dashboard, enabling seamless call handling and reducing customer wait times by 30%.

- Integrated AfricasTalking WebRTC APIs, adding voice and video interaction features that boosted customer satisfaction scores by 20%.
- Leveraged Hasura and SIP for real-time data updates and reliable VoIP channels, empowering supervisors with live call monitoring and data insights to improve operational efficiency.

Glitex E-commerce

Freelance

- Designed a Flutter-based e-commerce app for 5,000+ active users, providing a comprehensive shopping experience with real-time product updates, cart management, and secure payment processing.
- Integrated Node.js backend with a responsive UI, reducing user query time by 40%, which increased daily active user engagement by 15%.
- Collaborated with a team of four developers to ensure end-to-end functionality, and conducted rigorous QA, resulting in a 98% satisfaction rating from user feedback.

Top Car Forum

Topcar Kenya

- Created an engaging forum platform for car enthusiasts with Vue.js and Laravel, attracting over 1,000 active users and facilitating vibrant discussions.
- Customized the platform's features, boosting user retention by 30% by implementing a seamless user interface and enabling fast-loading pages.
- Actively maintained and improved the site, implementing new features based on user feedback to enhance community interaction and platform engagement.

EDUCATION

Software Engineering

University Of Eastern Africa Baraton • 2020

SKILLS

Backend: Node Js, Python, Golang, Spring boot, Laravel, Codeigniter

Database: SQL, Postgres, MongoDB, DynamoDB, Redis

Technologies: Django, Docker, Git, Gitlab, cloud technologies (DigitalOcean, GCP, AWS), TypeScript, Freeswitch, Hasura, RabbitMQ, Kubernetes

Front End: Vue js, React Js, Flutter, Android
