# Bildad Mwangi Ng'ang'a

Software Engineer

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## PROFESSIONAL SUMMARY

Software Engineer focused on secure full-stack solutions across Flutter, React, Spring Boot, and Node.js. Experienced building mobile and web products with payment integrations, role-based dashboards, and production-oriented authentication flows.

## SKILLS

Languages & Frameworks: Java, TypeScript/JavaScript, Dart, Python, Flutter, React, Next.js, Node.js, Express, Spring Boot
Databases & Tools: PostgreSQL, Supabase, REST APIs, Git, Electron, Tailwind CSS
Security & Integrations: Passkeys, 2FA, Google Sign-In/OAuth, M-Pesa STK Push, Paystack, WebRTC

## EXPERIENCE

Software Engineering AttachØ | Context Expert Limited | July 2025 - September 2025
  - Collaborated with engineers to deliver frontend and backend features for internal and client-facing applications.
  - Diagnosed and resolved defects across web and mobile modules to improve release stability.
  - Integrated REST API endpoints and authentication flows, including role-based behavior in application modules.
  - Supported testing and deployment handoff by documenting fixes and validating stakeholder feedback.

## EDUCATION

Diploma in Software Engineering, Zetech University (2025)

## SELECTED PROJECTS

  - Smart Rentals Platform (Flutter, Spring Boot, Next.js Admin): Built location-aware rental discovery with ward filtering, nearest-listing ranking, and secure authentication.
  - Hotel Operations Suite (React, Vite, Electron, M-Pesa, Paystack): Developed multi-role hotel workflows for booking, payments, operations dashboards, and realtime communication.
  - eLearning Campus Suite (Node.js, Express, Supabase): Implemented dual student and staff portals with attendance, assessment, finance, and role-governed dashboards.
  - Milk Record System (React, Vite, SMS Integration): Created collector workflows for milk-record capture and farmer-facing SMS notifications.
  - Church Contribution System (Web Dashboard, M-Pesa STK Push): Delivered bulk and live-session contribution flows with admin management for organized giving campaigns.