

ANTHONY MWAURA

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Full-stack developer with 2+ years of hands-on experience delivering production-ready web applications for SMEs across multiple industries. Skilled in building responsive frontends and robust backend services, integrating complex business logic, payments, and real-time processes. Experienced with modern JavaScript frameworks, API development, databases, and deployment workflows.

EXPERIENCE

FULLSTACK DEVELOPER (FREELANCE)

Freelance | Nairobi, KE

2023 – PRESENT

Designed and delivered full-stack solutions for SMEs across retail, ISP billing, healthcare, and e-commerce. Built backend APIs and database models, integrating them with responsive, component-driven frontends. Implemented authentication, M-Pesa integrations, dashboards, and interactive UI workflows. Worked directly with clients to deliver reliable, production-ready systems that ensured smooth user experiences and operational efficiency.

EDUCATION

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Chuka University

NOVEMBER 2023

- Distinguished member of the university's GDSC and TechnoScience Club
 - Relevant coursework: Algorithms design & Analysis
 - Graduated with Second Class Honors Upper Division
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SKILLS

- JavaScript/Typescript, Golang
 - React and Nextjs
 - TailwindCSS, Shadcn UI, Material UI
 - Message Brokers - RabbitMQ
 - SQL and NoSQL Databases
 - ORM/ODM – Prisma, Mongoose
 - Testing and Logging – Jest, Vitest and Sentry
 - CI/CD - Git and GitHub Actions
 - Cloud Deployment - AWS, VPS
 - Google Analytics
 - Node.js, Express, Fastify
 - Docker
 - Linux CLI and Bash Scripting
 - Cloudflare – R2 Bucket and DNS Proxy
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PROJECTS

1. ZENINPOS POINT OF SALE SYSTEM

Tech Stack: Nextjs, Reactjs, Shadcn UI, TailwindCSS, Typescript, Redis , Daraja MPESA, MySQL, Prisma ORM

- Developed core backend logic to support multi-tenant architecture for: retail, auto-motives, wines & spirit; managing products, categories, branches, stock levels and expiry.
- Created role-based access control, authentication and authorization systems to support multiple user roles (admin, staff).
- Developed responsive, component-driven frontend dashboards for sales, inventory, purchases, and user management, ensuring smooth navigation and usability across multiple devices and using context api to manage state throughout the application.
- Designed and implemented database queries for reporting: daily sales summaries, profit/loss calculation, top selling products, expiry tracking.

2. EASYCONNECT HOTSPOT BILLING SYSTEM

Tech Stack: Nextjs, Reactjs, Shadcn UI, TailwindCSS, Typescript, Redis, Daraja MPESA, MySQL, Prisma ORM, Mikrotik API

- Developed backend workflows to communicate with mikrotik router/network services for authentication, speed limits, and session terminations.
- Implemented services for device/session tracking, real-time status updates, expiries, and automated account suspension or renewal. Utilized cron jobs for automated plan expiry and removing users from router.
- Developed responsive frontend dashboards for monitoring connected devices, session activity, plan management, and usage analytics.
- Integrated mpesa payment flows and transactional logic to manage top-ups, usage deductions, and plan validity with full audit trails.

3. SOLECITY E-COMMERCE WEBSITE

Tech Stack: Nextjs, Reactjs, Shadcn UI, TailwindCSS, Redis, Daraja MPESA, RabbitMQ, Nodejs, Express, Typesense Search

- Built backend services for product management, inventory, pricing, carts, checkout, and order workflows.
- Implemented a message-broker–driven checkout process to prevent overselling by locking stock, validating availability, and processing orders asynchronously.
- Developed responsive, component-driven frontend interfaces for product browsing, multi-step checkout, and user dashboards. Utilized Context API for handling state across the application.
- Integrated M-Pesa payments, handling callbacks, reconciliation, and transactional updates to ensure reliable order completion.

REFERENCES

Cosmas Kemboi, Techbloom Solutions Developer & Co-Founder - 0792151754