KIMBOWA OWEN

SOFTWARE ENGINEER | FULL-STACK DEVELOPMENT

+256 701 300 204 • owenmicheal3rd@gmail.com

kimbowaowen.site • github.com/owenmicheal • linkedin.com/in/kimbowa-owen-64b720257/

PROFILE

Software engineer building modern web and mobile applications, backend services, and cloud-connected systems. Experience delivering products across fintech, healthcare, maritime technology, and IoT, with an emphasis on usability, performance, and reliable engineering.

EXPERIENCE

Frontend Engineer | OceanzHub · Remote 2025–Present

Developing web applications and frontend experiences, including work on OceanzHub, UDCNB, and Omnicare projects using modern JavaScript technologies.

Full-Stack Software Engineer | Kinematrix · Part-time 2024–Present

Built vehicle monitoring dashboards, historical telemetry visualizations, and AWS IoT integrations using Next.js, AWS IoT Core, Lambda, DynamoDB, and MQTT.

IT Specialist / Web Developer | Skin Dictionary Uganda · Part-time 2025–Present

Developing and maintaining digital solutions for dermatology services, including the public website and clinic-related systems.

Web Developer | Wildzone Safaris 2022–2024

Developed and maintained web experiences, content, and search visibility.

Freelance Web Developer | Sanyulyo Financial Services 2022–2023

Built the company website and supported web content, branding, and search optimization.

SELECTED PROJECTS

PadaPesa | padapesa.com

International money transfer and coaching platform with web and mobile experiences. Stack: Next.js, NestJS, Flutter.

Kinematrix | kinematrix.org

IoT-based vehicle suspension monitoring, real-time sensor dashboards, and historical analytics. Stack: Next.js, AWS IoT Core, DynamoDB.

Skin Dictionary Uganda | skindictionary.ug

Dermatology and skincare platform. Stack: Next.js, MongoDB, Tailwind CSS.

TECHNICAL SKILLS

Frontend: Next.js, React, TypeScript, JavaScript, Tailwind CSS, GSAP, Three.js, React Three Fiber, shadcn/ui, Hugeicons

Backend & Data: Node.js, NestJS, Hono, PostgreSQL, MongoDB, Supabase, Prisma, Drizzle ORM, DynamoDB

Mobile: Flutter, Dart, React Native, Expo

Cloud & Tools: AWS IoT Core, AWS Lambda, Azure, Vercel, Cloudinary, Docker, Git, GitHub, Linux, Figma

EDUCATION & TRAINING

Bachelor of Business Computing | Bugema University | 2022–2025 | Second Class Upper (Honours)

Next.js Certificate | JSMastery | 2024–2025