

KAMOLE BURUME EDDY
Full-Stack Developer | Web, Mobile & Desktop Applications
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Versatile Full-Stack Developer with 4+ years of experience creating high-performance web, mobile, and desktop applications. Specializing in Flutter, React, Node.js, and database management systems to deliver seamless cross-platform solutions. Strong background in client-focused development with a proven track record of enhancing user engagement and optimizing application performance. Currently completing a Computer Science degree while maintaining an active freelance development practice.

PROFESSIONAL EXPERIENCE

Freelance Full-Stack Developer

Independent Contractor | Kampala, UG | 2020 - Present

Developed and delivered 15+ custom web and mobile applications for diverse clients, maintaining a 95% client satisfaction rate

Architected an Emergency Response and Safety App for hospitals and medical professionals, reducing response times by 40%

Created responsive e-commerce platforms integrated with secure payment gateways, increasing client conversion rates by 25%

Implemented CI/CD pipelines for clients, reducing deployment times by 50% and enabling faster updates
Designed and developed custom CMS solutions tailored to specific business requirements across different industries

TECHNICAL EXPERTISE

Web Development (2020 - Present)

Built responsive, SEO-optimized websites using JavaScript, React, HTML5, and CSS3

Implemented RESTful APIs and backend services using Node.js and Express

Developed custom content management systems for small to medium businesses

Created interactive dashboards with data visualization using D3.js and Chart.js

Optimized web applications for maximum speed and scalability

Mobile & Desktop Applications (2022 - Present)

Developed cross-platform mobile applications using Flutter and Dart
Created desktop applications with Electron.js and Flutter
Integrated Firebase for authentication, real-time databases, and cloud storage
Implemented push notifications, in-app purchases, and social media integrations
Designed seamless offline-first applications with local data synchronization

EDUCATION

Bachelor of Science in Computer Science

Victoria University | Kampala, UG

09/2021 - Expected 09/2025

High School Diploma

Specialization: Biology and Chemistry

INSTITUT IBANDA | 2020

NOTABLE PROJECTS

Emergency Response and Safety App

Developed a comprehensive platform connecting medical professionals with emergency services
Implemented real-time location tracking and alerts system
Created role-based access for doctors, paramedics, and hospital administrators
Reduced emergency response times by 40% in pilot implementation
Technologies: Flutter, Firebase, Node.js, Google Maps API

Multi-vendor E-commerce Platform

Architected a scalable marketplace supporting 50+ vendors and 10,000+ products
Implemented secure payment processing with multiple gateway options
Created advanced search and filtering capabilities with Elasticsearch
Developed admin, vendor, and customer dashboards with real-time analytics
Technologies: React, Node.js, MongoDB, Redis, AWS

Hospital Management System

Built a comprehensive solution for patient records, appointments, and billing
Implemented HL7 standards for healthcare data exchange
Created secure doctor-patient communication channels
Developed inventory management for medical supplies

Technologies: React, Node.js, MySQL, Docker

Financial Dashboard & Analytics Tool

Designed interactive visualization tools for financial data analysis

Implemented data processing pipelines for large financial datasets

Created customizable reporting features with export capabilities

Developed secure user authentication with role-based permissions

Technologies: React, D3.js, Node.js, PostgreSQL

TECHNICAL SKILLS

Frontend: React, JavaScript, HTML5, CSS3, Bootstrap, Tailwind CSS, Material UI

Mobile & Desktop: Flutter, Dart, React Native, Electron.js

Backend: Node.js, Express.

Databases: MongoDB, MySQL, PostgreSQL, Firebase Realtime Database

Cloud Services: Firebase, AWS, Google Cloud Platform, Azure

DevOps: Git, GitHub, Docker, CI/CD, Kubernetes

Testing: Jest, Mocha, Cypress, Flutter Testing Framework

Other Tools: VS Code, Postman, Figma, Adobe XD

LANGUAGES

English (Native)

Swahili (Native)

French (Native)

REFERENCES

Recommendations Available Upon Request