

# Kristian Koome

## Junior Full-Stack Software Developer

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### PROFESSIONAL SUMMARY

Full-stack software developer specializing in MERN and Python/Flask, with hands-on experience building secure, scalable, and performance-optimized web applications. Experienced in implementing authentication and authorization systems, integrating M-Pesa payments, and designing RESTful APIs. Strong problem-solver focused on clean architecture, stability, and delivering reliable, user-centered solutions.

### TECHNICAL SKILLS

- **Frontend:** React, HTML, CSS, JavaScript
- **Backend:** Node.js, Express, Python, Flask
- **Databases:** MongoDB, PostgreSQL, MySQL
- **Authentication & APIs:** JWT, REST APIs
- **Payments:** M-Pesa
- **Tools & Deployment:** Git/GitHub, Linux, Vercel, Render

### TECHNICAL PROJECTS

**Personal Portfolio Web Application** - <https://github.com/Kristiann001/Portfolio> |

- Developed a full-stack personal portfolio to showcase skills, education, training, projects, and achievements in a centralized platform.
- Implemented secure admin authentication to control creation and management of projects and achievements, ensuring authorized updates.
- Built dynamic content management and contact features, enabling admin-verified updates and direct communication with visitors.

**Topvents Events Website** - [https://github.com/Kristiann001/Topvents\\_Frontend](https://github.com/Kristiann001/Topvents_Frontend) |

- Developed a stable and scalable full-stack events management platform with user authentication and role-based authorization, ensuring secure and controlled access.
- Implemented optimized CRUD operations for event management, improving data consistency, reliability, and system performance.
- Integrated M-Pesa payment processing, enabling fast, secure, and seamless mobile payments for event bookings.
- Designed a responsive, performance-optimized user interface, delivering a smooth, accessible, and intuitive user experience across devices.

### EDUCATION

**Institute of Software Technologies – Diploma in Software Development** **February 2025 – February 2026**

- I learned HTML, CSS, JavaScript, ReactJS, VueJS, MERN Stack, PHP, Laravel, MySQL, and GitHub.
- Completed hands-on projects demonstrating full-stack web development skills.

**University of Melbourne – Certificate in Introduction to Cloud Computing** **September 2024 – November 2024**

- Gained foundational knowledge of cloud computing concepts, deployment, and services.

**Moringa School – Certificate in Software Development** **February 2024 – September 2024**

- Studied HTML, CSS, JavaScript, ReactJS, Supabase, Figma, Python, Flask, SQLite, PostgreSQL, and MySQL.
- Collaborated on team projects using GitHub and participated in daily standup sessions.

**Certificate in Software Development** **May 2023-September 2023**

- Focused on HTML, CSS, and PHP fundamentals.