

BRIAN MUNENE MWIRIGI

Full Stack Developer | React • TypeScript • Python

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PROFESSIONAL SUMMARY

Self-driven full-stack developer with 50+ shipped projects spanning healthcare systems, e-commerce platforms, and SaaS applications. Specialized in React/TypeScript frontends and Python/Flask backends. Proven track record of building production-ready applications from scratch, with strong focus on clean code, edge-case handling, and user experience.

TECHNICAL SKILLS

Frontend: React, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Responsive Design

Backend: Python, Flask, SQLAlchemy, Node.js, REST APIs, PostgreSQL, SQLite

Tools & Workflow: Git/GitHub, CLI, npm/pip, JSON, API Testing, Debugging, Code Review

Specialties: Full-stack web apps, SaaS platforms, Healthcare systems, E-commerce, Landing pages

KEY PROJECTS

Hospital Management System

Python/Flask • React • PostgreSQL | [github.com/TheCoderBuilder-dev](https://github.com/TheCoderBuilder-dev/Hospital-Management-System)

- Built comprehensive healthcare management platform handling patient records, appointments, billing, and staff management
- Implemented secure RESTful API with role-based access control for doctors, nurses, and admin staff
- Designed normalized database schema with complex relationships and data integrity constraints
- Delivered production-ready codebase with error handling, input validation, and edge-case testing

Deliveroo - Parcel Tracking SaaS

TypeScript • React • Node.js | Full-stack SaaS Application

- Developed end-to-end parcel tracking system with real-time status updates and customer notifications
- Built TypeScript-based frontend with type-safe components and reusable UI patterns
- Integrated RESTful backend with authentication, data persistence, and business logic separation

E-commerce & Landing Page Portfolio

React • JavaScript • CSS3 | 15+ Client-Ready Sites

- Shipped 15+ production-quality landing pages and e-commerce sites for diverse industries (luxury retail, creative agencies, hospitality, footwear)
- Specialized in mobile-first responsive design, performance optimization, and cross-browser compatibility

- Examples: Stride Footwear, Kahawa Lounge, Opulent Jewelry, Aurum Suites, Jambo Kitchen, Creative Agency platform

Galaxy Medicare & Real Estate Management

JavaScript • Python • SQL | Domain-Specific Business Apps

- Created Medicare platform managing patient data, insurance claims, and provider networks
- Built real estate management system tracking properties, tenants, leases, and maintenance requests with automated calculations

PROFESSIONAL EXPERIENCE

Full Stack Developer

Independent Projects & Contract Work | 2023 - Present

- Developed 50+ web applications from concept to deployment across healthcare, e-commerce, SaaS, and business management domains
- Collaborated with stakeholders to gather requirements, design solutions, and iterate based on feedback
- Maintained clean, documented codebases following industry best practices for version control and testing
- Self-managed remote work with consistent delivery timelines and clear communication

EDUCATION

Bachelor of Science in Computer Science | Strathmore University | Expected 2029

Software Engineering Certificate | Moringa School | Full Stack Development

ADDITIONAL INFORMATION

- **Available for 20-25 hours per week remote work**
- Reliable high-speed internet connection and dedicated home office setup
- Comfortable with async communication and self-managed workflows
- Payment ready: Wise, Payoneer, PayPal, international bank transfer
- Fluent in English; available for US/European working hours overlap