

James Mwangi Gitere

Full-Stack Software Engineer | Nairobi, Kenya

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 [LinkedIn](#)  [Github](#)  [Portfolio Website](#)

About

Full-Stack Software Engineer specializing in scalable web applications and modern technologies. Proven ability to create user-centric solutions using React, Node.js, Python, and system design. Passionate about writing clean, maintainable code to solve complex business challenges.

Technical Skills

Programming Languages

JavaScript (ES6+), TypeScript, Python, C

Frontend

React, HTML5, CSS3, Responsive Design

Backend

Node.js, Express.js, Flask (Python)

Databases

MongoDB, MySQL, PostgreSQL, Redis

Tools & System Design

Git, GitHub, REST APIs, Postman, JWT Authentication, System Design, API Integration, Authentication Systems

Experience

Full-Stack Developer – Recipe Genius *(Deployed)*

Jan 2025 - Feb 2025

- Developed Recipe Genius, an AI-powered recipe generator using React, Node.js, Express, and MongoDB
- Designed a sleek, responsive UI for a seamless user experience
- Integrated OpenAI API to generate personalized recipe suggestions
- Implemented dietary preference filters and allergy settings for users
- Secured authentication with JWT for session persistence

Franchise Partner – Airtel Kenya (Jaymto Enterprises)

Jan 2022 - Present

- Oversee daily business operations and strategic sales
- Lead sales for scratch cards & MiFi devices, increasing revenue
- Supervise a team of 7 sales reps, improving productivity
- Implement customer engagement strategies to boost performance

Featured Projects

Recipe Genius *(React, Node.js, Express, MongoDB, OpenAI API, JWT, Nginx)*

AI-powered platform that suggests personalized recipes based on user-input ingredients.

[🌐 Live Demo](#) [🔗 GitHub](#)

Professional Portfolio *(HTML, CSS, JavaScript, Node.js, ElasticMailAPI, PostmarkAPI)*

Responsive portfolio showcasing projects and skills.

[🌐 Live Demo](#)

Weather Application *(JavaScript, React, OpenWeather API, Geolocation API)*

Real-time weather app with location-based forecasting.

[🌐 Live Demo](#) [🔗 GitHub](#)

BookSwap Connect *(Python, Flask, MySQL, JWT, WebSockets)*

Full-stack book exchange platform with user authentication.

[🔗 GitHub](#)

Education

Software Engineering (Backend Specialization)

Aug 2023 - Sep 2024

ALX Africa

Hands-on experience in Python, C, DBMS, System Architecture, Node.js, JavaScript, and Deployment.

Hospitality & Tourism Management

Aug 2016 - Jul 2021

Pwani University

Second Class Upper Division