

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, Redux Toolkit, HTML5, CSS3, Tailwind, Responsive Design

Backend

Node.js, Express.js, Flask (Python), System Design, REST APIs, JWT Authentication, Paystack Integration, M-Pesa Integration ([Live Demo](#) | [GitHub](#))

Databases

MongoDB, MySQL, PostgreSQL, Redis

Tools & System Design

Git, GitHub, Postman, Postmark, ElasticEmail

Cloud & DevOps

Cloudinary, DigitalOcean, NGINX, Vercel, GitHub Actions

Experience

Full-Stack Developer – CIT Logistics Systems

Apr 2025 - Present

- Built end-to-end systems using Node.js, Express.js, MySQL, React, and Tailwind CSS.
- Designed accounting system for Bukhaavia Limited, streamlining financial operations.
- Created internal accounting system for CIT Logistics to automate financial processes.
- Participated in air charters website design, enhancing user experience.
- Collaborated with teams to deliver scalable client solutions.

Full-Stack Developer – Digital 4 Africa

Jan 2024 - Mar 2025

- Designed a full Learning Management System with an admin dashboard.
- Built a masterclass automation platform that streamlined payments and automated email notifications.

- Created intelligent AI-powered chatbot systems for automated information queries, leveraging the OpenAI API with React, Node.js, and Express.
- Developed secure REST APIs in Express.js with Paystack and M-Pesa integration.
- Built responsive interfaces using React and Tailwind CSS with admin panels.

Franchise Partner – Airtel Kenya (Jaymto Enterprises)

Jan 2022 - Dec 2023

- Developed web-based internal reporting system (jaymto-enterprises.vercel.app), reducing manual reporting time by 70%.
- Built Python automation scripts for data parsing and performance reports.
- Led sales operations, supervised 7 representatives, and designed engagement strategies.

Featured Projects

Accounting System *(Next.js, Node.js, PostgreSQL, Multi-tenant)*

Multi-tenant accounting system with invoicing and financial reports.

 [Live Demo](#)

ICIPE AI Chatbot *(React, Node.js, OpenAI API, Express, MongoDB, Tailwind)*

Intelligent chatbot system that automatically responds to ICIPE information queries.

 [Live Demo](#)

Digital 4 Africa Masterclass Platform *(React, Node.js, Express, MongoDB, Paystack, M-Pesa)*

Learning platform with automated payment processing for masterclass enrollment.

 [Live Demo](#)

Jepaks Academy & Admin *(Next.js, Node.js, MongoDB, M-Pesa Integration)*

A suite of platforms for managing learning and administration — includes Jepaks Academy (academy.jepaks.systems) and Jepaks Admin (admin.jepaks.systems). Built with Next.js and Node.js, featuring M-Pesa Paybill integration and secure backend APIs.

 [Live Demo](#)

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