

# 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

Mar 2025 - Present

- Designed architecture of [D4A Academy](#), a full-featured LMS built with React, Node.js, and MongoDB.
- Built [Digital 4 Africa Masterclass Platform](#), automating payments and emails.

- Created [ICIPE AI Chatbot](#) and [Jayswine AI Chatbot](#), intelligent systems for information queries.
- 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 - Present

- 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

### 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](#)

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

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

[🌐 Live Demo](#) [🔗 GitHub](#)

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

Responsive portfolio showcasing projects and skills.

[🌐 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