

Justin Monubi Ogenche

Backend Engineer | Computer Science Student

✉ monubijustin@gmail.com ☎ +254797753414 📍 Nairobi, Kenya 🌐 [portfolio](#)

Profiles

🐙 GitHub

[MonubiJustin](#)

🌐 LinkedIn

[Monubi Justin](#)

✂ X

[MonubiJustin](#)

Summary

Computer Science student at Kisii University with a strong interest in backend engineering, API development, and software architecture. Experienced in building REST APIs and backend systems using Node.js, Express.js, TypeScript, Spring Boot and relational and NoSQL databases. Passionate about creating practical solutions to real-world problems while focusing on simplicity, maintainability, and clean software design. Currently expanding my frontend skills through React and Next.js while pursuing internship and entry-level software engineering opportunities.

Education

Kisii University

Bachelor of Science in Computer Science

2023 - Present

Mbooni Boys High School

KCSE Mean Grade: B

2019 - 2022

Projects

Daraja API with Express & TypeScript

Built a payment integration platform using Express.js and TypeScript that integrates with Safaricom's M-Pesa Daraja API. Implemented STK Push payments, transaction polling, validation, and real-time payment feedback.

Tech Stack: Node.js, Express.js, TypeScript, Axios, Zod

Store API

Developed an e-commerce backend using Spring Boot with JWT authentication, Stripe payment integration, product management, cart functionality, and Swagger API documentation.

Tech Stack: Java, Spring Boot, JWT, MariaDB, Stripe

Blogging Platform API

Designed and implemented a blogging platform REST API using Django REST Framework with JWT authentication, filtering, search, tagging, and OpenAPI documentation.

Tech Stack: Python, Django, DRF, MySQL

Skills

🔧 Backend Development

Node.js, Express.js, Spring Boot, REST APIs

🗄 Databases

MySQL, MariaDB, MongoDB

🧰 Tools

Git and Github, Docker , Swagger/OpenAPI

🔗 Cloud & Deployment

AWS, Vercel ,Render ,Heroku

🧪 Testing

Vitest (TypeScript), JUnit (Java)

Certifications

ALX Backend Web Development

7th November 2025

(ALX Africa)

Backend Web Development program covering APIs, databases, backend architecture, authentication, version control, and software engineering fundamentals.

AWS Certified Cloud Practitioner

19th August 2025

(Amazon Web Services Training and Certification)

Successfully completed the 16-week AWS re/Start program and earned the AWS Certified Cloud Practitioner (CCP) certification. Developed hands-on experience with core AWS services, Linux system administration, and Python scripting through structured, real-world projects.

Languages

Swahili

Native

English

Fluent

Interests

📦 Blockchain Technology (Soroban & Rust)

🔗 Systems Programming (Rust)

🔒 Cybersecurity