ANTONY MURITHI

Nairobi, Kenya · murithinamuu@gmail.com · +254793030629 · in/antony-murithi-namu · namuantony.netlify.app/

SUMMARY

An innovative Backend Engineer skilled in designing and implementing scalable GraphQL APIs using Node.js with Typescript.
At my previous role, I architected a full-stack Java inventory tracking system, reducing stock losses by 20%, and enhanced database queries, and cutting report generation time by 90%.

I have a proven track record of taking end-to-end ownership of features, leveraging Git for version control and modern development practices. My work is fueled by a deep passion for solving real-world problems through simple, reliable, and high-impact solutions

I'm always looking for new challenges and opportunities and will thrive in mission-driven teams where autonomy, collaboration, and continuous learning are key.

EXPERIENCE

Software Engineer
Thika Cloth Mills Ltd   **June 2020 - January 2026**
· Architected a full-stack Javascript inventory tracking system that reduced stock losses by 20% through real-time data synchronization.
· Developed secure RESTful APIs to bridge ERP data with accounting software, reducing manual data entry errors by 35%.
· Optimized SQL database schemas and query performance, slashing report generation time from 5 minutes to 30 seconds.
· Launched a production monitoring dashboard used by 100+ daily active users (DAU) to drive leadership decision-making.
· Forged ongoing collaboration with cross-functional teams over 14 months to develop and deploy integrated RESTful APIs in Node.js, enhancing system interoperability and supporting a 20% increase in interdepartmental task completion efficiency.

Full-stack Engineer
CamSite(Freelance)   **June 2022 - August 2023**
· Designed and deployed a "Site-to-Client" bridge enabling field engineers to log progress via real-time photo uploads and notes.
· Integrated a secure M-Pesa payment gateway, shortening payment cycles by allowing direct milestone-based transactions.
· Built a transparency dashboard providing 24/7 visual access to site progress, increasing client trust and reducing status meetings.
· Devised a modular notification system that automated project milestone alerts and documentation reminders, facilitating timely updates for clients and field teams.

Backend Engineer
Moticare (Freelance)   **June 2018 - January 2019**
· Developed a full-stack web application to automate daily operations for automotive garages, focusing on scalability and reliability using Go for backend.
· Reduced administrative time by 94.4% cutting customer record retrieval from an average of 4.5 minutes to under 15 seconds.
· Designed and normalized a MySQL database schema to handle complex data flows between customers, technicians, inventory, and financial transactions.
· Integrated third-party payment processing APIs to streamline financial transactions, enabling secure and seamless client invoicing while supporting ongoing business growth.

EDUCATION

Diploma in Computer Science
Gretsa University

SKILLS

Languages: Javascript/Typescript, Python, Golang

Frontend: React, Next.js, Vue.js

Backend: Node.js/Express, Go (Gin), Django

Databases: MongoDB, MySQL, PostgreSQL

Cloud & Infrastructure: Docker, DigitalOcean

Dev Tools: Git, Figma, Photoshop, Illustrator