Geitodyu Henrique Crusoe

Software Engineer

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LinkedIn | Portfolio | GitHub

Professional Summary

Backend-focused software engineer specializing in Node.js, with strong experience in mobile and DevOps engineering. Proven track record of building scalable applications, from eCommerce platforms to IoT solutions, with a focus on creating impactful technology solutions for African markets.

Technical Skills

Backend Development

Node.js / Express.js

Go

Prisma ORM

RESTful APIs

Database Management

MongoDB

MySQL

PostgreSQL

DevOps & Cloud

AWS

Docker

Git

Ansible

Frontend Development

React / React Native

Next.js

TypeScript

Professional Experience

Backend Engineering Intern | HNG Internship, Nigeria

June 2024 - August 2024

Selected participant in prestigious Nigerian tech internship program, specializing in backend development, mobile engineering, and DevOps practices.

Peer Mentor | ALX Africa

2024 - Present

Guiding and supporting software engineering students through final projects at ALX Africa, focusing on backend development concepts, APIs, and systems programming.

Founder & Technical Lead | Phoenix Hub Liberia, Inc.

Jan 2022 - Mar 2023

Built and launched a full-stack eCommerce platform enabling local businesses to establish their digital presence in the Liberian market. Increased revenue from $400 to $6000+ in one year.

Key Projects

Tick8-Plus (2024)

Built a scalable e-ticketing platform using Node.js and MongoDB for core services, with a separate Go microservice handling AI-powered chat functionality and React Native mobile apps.

QuickCart (2024 - ALX Award Winner)

Led development of a full-stack eCommerce platform using Node.js, MongoDB, and AWS, winning second place among ALX Cohort 18 final projects for its innovative approach to mobile commerce.

Sahara-Sprout (2024 - In Development)

Building an IoT-based smart irrigation system integrating ESP8266 microcontrollers, moisture sensors, and Node.js backend for automated agricultural water management.

Blessed Bales & Bundles (2023)

Delivered a modern e-commerce website for a Nigerian fabric retailer using Next.js and Strapi CMS, resulting in increased online visibility and sales.

Education & Certifications

Software Engineering Certificate (Backend Specialization)
African Leadership Xcelerator (ALX Africa), 2024

Bachelor of Science in Civil Engineering (Expected Nov 2025)

International University of East Africa, Kampala, Uganda

- HNG Internship (Backend, Mobile & DevOps) - 2024

- The Ultimate React Native Series: Advanced Concepts - 2023

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