

ONYENIKE CHUKWUDI FEARGOD

Full-Stack Software Engineer

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Professional Summary

Detail-oriented and performance-driven Full-Stack Software Engineer with hands-on experience in building scalable, secure, and cloud-native web applications. Proficient in TypeScript, Python, React, and Next.js, with a deep understanding of modern backend architectures using Node.js, NestJS, Flask, and FastAPI. Adept at cloud platforms (AWS, GCP, Azure), containerization (Docker), and database management (SQL/NoSQL). Proven ability to collaborate cross-functionally and deliver optimised, production-ready solutions.

Technical Skills

Languages & Frameworks: TypeScript, Python, Node.js (Express, NestJS), Flask, FastAPI, React, Next.js

Databases & ORMs: PostgreSQL, MySQL, MongoDB | Prisma, TypeORM, Sequelize, Mongoose, SQLAlchemy, PyMongo, Knex

Cloud & DevOps: AWS, GCP, Azure, Docker, Kubernetes

Tools & Practices: Git, REST APIs, Kafka, WebSockets, OAuth, JWT, RBAC, CI/CD, Cron Jobs

Education

Federal Polytechnic Auchi, Edo State, Nigeria

- HND in Computer Science — Distinction (2018 – 2020)
- ND in Computer Science — Distinction (2015 – 2017)

Professional Experience

Peerpay Digital Assets Ltd, Lagos, Nigeria — Software Engineer (Full-Stack) | Dec 2024 – Present

- Built and deployed microservices using NestJS and Kafka, processing thousands of transactions monthly.
- Developed admin portals using Next.js and Tailwind CSS, improving internal operations efficiency by 40%.
- Achieved 99.9% application uptime using AWS EC2 and S3.

Rokswood Group of Companies, Ibadan, Nigeria — Software Engineer (Full-Stack) | May 2021 – Dec 2024

- Reduced API response times by 30% through performance tuning and caching strategies.
- Built and deployed web applications using Nestjs, PostgreSQL and Nextjs
- Implemented real-time services for IoT integrations (smart meters) using MQTT.
- Led cloud migration project, saving 25% in hosting costs.

ALX, Lagos, Nigeria — Intern Software Engineer | Sep 2020 – Oct 2021

- Developed secure e-commerce backend with user authentication and role management.
- Secured APIs using JWT and RBAC, reducing unauthorized access by 70%.
- Automated deployment pipelines reducing deployment time by 50%.

Recent Projects

- Peerpay Network: Microservices (NestJS + Kafka), Next.js frontend, AWS deployment.
- Rokswood Utility App: IoT with MQTT, wallet/paystack/paygate integrations, AWS hosting.
- Agrify True-Nature SIP App: Subscription backend (NestJS), WebSockets notifications, integrated payment systems.
- Horlamichemicals Website: React UI, Paystack integration, mobile responsiveness.

Certifications

- AWS Certified Solutions Architect – Associate (May 2025)
- AWS Certified Cloud Practitioner (Jan 2025)
- Backend Specialization – ALX Software Engineering Program (Nov 2021)
- Full-Stack Web Development – New Horizons (July 2021)