

Foster Solomon Owusu ASARE

BACKEND DEVELOPER

Internship from Apr 2027 · Alternance from Sep 2027

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PROFILE

Self-taught backend developer since 2020 who designs secure, high-performance REST APIs and data models with Node.js, NestJS, TypeScript and Java / Spring Boot. I've built web products end to end for international startups, founded SyncStore and mentored developers through Dev Initiative. I'm now doing an MSc in Information Systems & Software Engineering at JUNIA and looking for an internship, then an alternance.

EDUCATION

MSc in Information Systems & Software Engineering · JUNIA Lille, France · Expected 2028
BSc Computer Science · KNUST Kumasi, Ghana · Expected 2027

EXPERIENCE

Fullstack Developer · Homebasket Kumasi, Ghana · Contract · Nov 2024 – Feb 2025

- Built a REST API for products, accounts and orders, shared by the storefront and admin.
- Implemented auth, order processing and Paystack checkout with server-side validation.
- One secure backend for payments and orders, so nothing is reconciled by hand.

Founder & Lead Developer · SyncStore Aug 2023 – Present

- Designed the NestJS and TypeORM sync layer that reconciles offline changes across branches.
- Modelled multi-location stock, approved transfers and per-location role permissions.
- Owners see consistent stock and sales across branches, even when shops go offline.

Web Developer · UNIFIN Remote (UK) · Apr 2022 – Nov 2022

- Built PHP logic for referrals, member earnings and membership.
- Designed voting for allocating pooled funds, and ran production deployment and hosting.
- Gave members a transparent, shared say in how pooled funds were spent.

SELECTED PROJECTS

Mafoil E-commerce — Node.js · Express · TypeScript · MongoDB · RTK Query PREVIEW

- Built the e-commerce backend covering authentication, wishlist, cart and orders.
- Designed REST endpoints consumed by a Next.js storefront through RTK Query.
- Modelled products, users and orders in MongoDB.

Amethyst Suites & Dining — TypeScript · Express · Paystack · node-cache PREVIEW

- Built the booking API for rooms, real-time availability checks and reservation management.
- Integrated online payments with webhook-driven, server-side payment verification.
- Generated QR-coded event tickets with door verification and automated confirmation emails.

VeriTrust — Node.js · Express · Socket.IO · Paystack · Escrow · Argon2id PREVIEW

- Designed the escrow API covering funding, delivery, release, cancellation, disputes and reviews.
- Integrated card, mobile-money and crypto payments with server-side verification.
- Built real-time messaging, refresh-token authentication, KYC review and admin moderation tools.

SKILLS

Backend	NestJS, Node.js, Express, Java, Spring Boot, PHP, MongoDB, MySQL, TypeORM
Tools & Cloud	Git, GitHub Actions, Docker, AWS, GCP, Nginx, PM2, Jest, Supertest, JUnit
Certifications	Java Programming Masterclass: Learn Java From Scratch (Udemy, Sep 2026)
Languages	English (native) · French (A1)