

Samuel Oluwasegun

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OBJECTIVE

I'm a backend-leaning full-stack engineer with 4+ years of experience building web apps and APIs. Most of my work has been around Node.js, Express, and NestJS, designing databases, optimizing queries, and making sure systems scale. I also have solid frontend experience with React and Next.js, which helps me understand the full picture when working with teams. I enjoy clean, maintainable code, good testing practices, and shipping features without breaking things in production.

EXPERIENCE

Freelancing, Remote

Jan 2021 - Present

Full-Stack Developer (Backend Focus)

- Built and maintained APIs with Node.js/Express and NestJS for clients in e-commerce, fintech, and SaaS.
- Designed SQL and NoSQL databases, cutting down query times by ~25%.
- Handled authentication (JWT/OAuth2), payment gateways, and data validation.
- Set up Docker + GitHub Actions pipelines so deployments were smooth and repeatable.
- Worked directly with clients to refine features and polish UI/UX.

HNG Virtual Program, Remote

July 2024

Backend/Full-Stack Developer

- Built API routes and caching for a Next.js project that hit a 95% Lighthouse score.
- Wrote unit/integration tests to keep coverage above 90%.
- Automated deployments with GitHub Actions, reducing feedback loops during development.

FinChat, Remote

Jan 2021 - Aug 2022

Backend Engineer

- Optimized PostgreSQL queries and added Redis caching, improving API response time by 35%.
- Built and tested payment endpoints (REST) with Jest + Supertest, cutting post-release bugs by ~40%.
- Integrated WebSockets for real-time updates, which increased user session time.
- Helped improve the React dashboard by reducing load times from 4s to ~2.8s.

Noma Gaming, Remote

Jun 2019 - Dec 2020

Full-Stack Developer (Backend Lead)

- Built a Node.js matchmaking service handling 2k+ concurrent players with <1% error rate.

- Automated deployments with Docker and GitHub Actions → zero downtime releases.
- Worked on Angular and React dashboards, but mostly focused on backend APIs and game services.

EDUCATION

Lagos State Polytechnic (LASPOTECH), Ikorodu, Lagos
National Diploma (OND), Computer Engineering

Graduated 2021

SKILLS

- **Backend:** Node.js, Express, NestJS, REST/GraphQL APIs, Redis, microservices, API security
- **Databases:** PostgreSQL, MySQL, MongoDB (schema design, indexing, performance tuning)
- **Testing:** Jest, Supertest, Cypress, Postman
- **DevOps:** Docker, GitHub Actions, CI/CD pipelines, monitoring basics
- **Frontend (supporting):** React, Next.js, Angular, TailwindCSS