

Effa Ojah

Backend Software Engineer (Node.js)

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PROFESSIONAL SUMMARY

Backend Software Engineer with strong experience in building and maintaining secure, scalable, and reliable applications using Node.js, Express, and MySQL/MongoDB. I also develop modern desktop applications with Electron.js, delivering native-like experiences for business and retail environments.

I enjoy transforming real-world problems into efficient software solutions. My experience covers REST API development, authentication & authorization (JWT, OAuth/Passport.js), SQL database design, and application architecture. I've built projects across healthcare systems, invoicing & automation, learning platforms, attendance tracking, and retail sales dashboards.

I am passionate about cloud computing and improving system performance and reliability.

TECHNICAL SKILLS

Languages & Runtime: Node.js, TypeScript, JavaScript

Backend & APIs: RESTful API design, Express.js, Swagger / OpenAPI

Databases: MongoDB, MySQL, CRUD operations, aggregation pipelines, schema design

Testing & Quality: Jest, Mocha, CI-friendly practices

Integrations & Reliability: Third-party REST APIs, error handling, idempotency

Additional: Redis, Docker

EXPERIENCE

Backend Developer | Arvys Technologies (2022 – Present)

- Designed and implemented backend services using Node.js and Express
- Built REST APIs consumed by frontend and mobile applications
- Designed MongoDB schemas optimized for real-world usage
- Implemented aggregation pipelines for analytics and reporting
- Integrated third-party APIs with validation and error handling
- Wrote unit tests to reduce regressions and improve reliability
- Collaborated closely with frontend teams to define API contracts

PROJECTS

Fintech-Oriented Backend Systems – Transaction handling, integrations, and data integrity
Healthcare & Management Systems – Modular backend services and role-based access control
SaaS & Multi-Tenant Exploration – Scalable backend patterns and data isolation strategies

EDUCATION

Bachelor's Degree in Computer Science (2023 – 2027) at University of Calabar, Calabar, Cross River State

ADDITIONAL INFORMATION

- Strong interest in backend engineering best practices
- Actively improving skills in cloud and distributed systems
- Comfortable working independently or in collaborative teams