

# ALOLA sunday joseph

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Portfolio: <https://my-portfolio-alola-sunday-45.vercel.app>

## PROFESSIONAL SUMMARY

I'm a self-driven backend developer with a degree in Information Technology and certification from ALX's Software Engineering program. Experienced in backend development using Node.js/Nestjs, Express, and MongoDB, with a passion for building efficient web services and scalable applications. Skilled in implementing OAuth-based authentication and REST APIs.

## Skills

- **Backend Technologies:** Node.js/Nestjs, Express.js
- **Databases:** MongoDB
- **Authentication:** OAuth (Google, Facebook), Passport.js, JWT
- **Version Control:** Git, GitHub
- **Tools:** Postman, Apidog
- **Others:** REST APIs, Session Management, Debugging & Error Handling

## Education

- **Bachelor of Science (B.Sc.)** – Information Technology  
National Open University of Nigeria (NOUN)  
2022
- **Software Engineering Program**  
ALX Africa  
Graduated as a backend developer with focus on real-world projects. Gained skills in building web services, working in teams, and managing production-level code.

## Projects & experience

### 1. Blog Platform

- **Developed** a blog application using **Node.js** and **Express.js** to manage content securely.
- **Implemented** JWT-based authentication to safeguard user login sessions.
- **Designed** and **optimized** MongoDB collections to support efficient CRUD operations for blog posts and user data.
- **Tested and debugged** endpoints using **Postman/Apidog**, ensuring smooth API interactions.

- **Tools:** Node.js, MongoDB, JWT, Postman

## 2. Book Management API

- **Developed** a book management API using NestJS and MongoDB to handle book cataloging and user authentication.
- **Designed** and optimized MongoDB schemas for efficient CRUD operations on books and users.
- **Implemented** search functionality with regex and pagination for improved user experience. **Tested** and **debugged** API endpoints using Postman/Apidog to ensure reliability.
- **Tools:** NestJS, MongoDB, JWT, Bcrypt, passport.js, Multer, Postman

## 3. E-commerce Api

- **Developed** a scalable e-commerce backend using **Node.js** and **Express.js**, handling product management, user authentication, and order processing.
- **Designed** and **optimized** MongoDB collections to support efficient CRUD operations on product management and user data.
- **Tested and debugged** endpoints using **Postman/Apidog**, ensuring smooth API interactions.
- **Tools:** Node.js, MongoDB, JWT, Postman, Multer, Bcrypt.

## 4. Google Authentication API

- **Developed** a secure authentication system using Node.js and Express.js with Google OAuth 2.0.
- Integrated **Passport.js** to enable Google login, allowing users to authenticate seamlessly.
- **Tested and debugged** endpoints using **EJS**, ensuring smooth API interactions.
- **Tools:** Node.js, Express.js, Passport.js, Google OAuth 2.0, MongoDB, Mongoose.

## HOBBIES & INTERESTS

- Exploring new technologies
- Contributing to open-source projects
- Exercising and playing football.

## REFERENCE

Available upon request.