

Olawuwo Abideen

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Technical Skills

- Languages: JavaScript, Typescript, Python, SQL
- Frameworks: Nodejs, Express, Nestjs
- Databases: MongoDB, MySQL, PostgreSQL, Prisma
- API: RESTful, GraphQL
- Messaging: RabbitMQ
- Devops: Docker, Git, AWS, Github Action, CI/CD
- Documentation: Postman, Swagger Open API
- Microservices and Event-Driven Architecture: High Availability, Scalability, Reliability, Resilience and Security

Career Experience

Sharesell Africa

March 2024 - Present

Backend Engineer

- Developed and maintained a comprehensive documentation with Postman to enhance clarity, streamline onboarding and support efficient knowledge transfer
- Refactored existing codebase to improve performance, scalability and maintainability and Supporting future feature integrations
- Implemented robust unit test and end to end tests to ensure code quality and automate deployment process using Github Action CI/CD pipelines to ensure high availability
- Developed and Maintained RESTful API Backend services using Typescript, MySQL, NodeJs and NestJS ensuring codebase integrity with Git version control
- Contributed with cross functional teams, including Frontend developers, Product Managers and Product Design to deliver quality backend solutions

TREP LABs

September 2020 - December 2023

Backend Engineer

- Collaborated with the front-end team to implement and optimise a REST API using JavaScript MongoDB, Git and TypeScript, enhancing the connection between front-end and back-end services.
- Contributed to migration from monolithic architecture to microservice increasing scalability from 1 to 10 docker containers
- Fixed and Resolved all backend related bugs and issues related to the not-functioning RESTful API
- Contributed to code review and perform rigorous testing to ensure reliability and security of backend system and resulting in a 20% decrease in post release bug report
- Maintained API documentation with Swagger Open API and collaborated with DevOps team to solve deployment issues

Projects

Fleet Management Application

- **Secure Authentication** using JWT authentication with role-based access control.
- **Efficient Fleet Operations** via vehicle, trip, and maintenance endpoints.
- **Scalable Data Storage** using MongoDB for seamless fleet data management.
- **Real-time Tracking** enabled with location and incident management.
- **Automated Testing & CI/CD** for system reliability and smooth deployment.

Healthcare Application Backend

- **Secure Role-Based Access** with JWT authentication for Admin, Doctor, and Patient.
- **Scalable Data Management** using PostgreSQL for patient records and appointments.
- **Comprehensive Healthcare Features** including scheduling, medical records, and prescriptions.
- **Automated API Testing & CI/CD** ensuring reliability and smooth deployment.

Fintech Application Backend

- **Secure Banking System** with authentication, account management, and transaction handling.
- **Seamless Payments & Loans** using Paystack for deposits, transfers, and loan applications.
- **Scalable Architecture** built with TypeScript, MySQL, and Sequelize for data integrity.
- **Automated Logging & Email Notifications** with Winston, Nodemailer, and SendGrid.

Dating Application Backend

- **Advanced Matchmaking & Messaging** with user profile management, chat, and real-time notifications.
- **Robust Moderation System** for user reporting, blocking, and admin-controlled suspensions.
- **Secure Authentication & Privacy** with JWT-based authentication and profile visibility controls.
- **Scalable & Efficient Architecture** using MySQL, TypeScript, and modular API design.

Education

Higher National Diploma (Microbiology)	<i>The Polytechnic Ibadan</i>	2017-2019
National Diploma (Science Laboratory Technology)	<i>The Polytechnic Ibadan</i>	2014- 2016