

# Kareem Idris

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## Skills

Javascript, Typescript, SQL, Postgres, Git, APIs, HTML, CSS, NestJs, NodeJs, MongoDB, Mongoose, ExpressJS.

## Projects

### E-commerce App

<https://github.com/Lecksikerm/E-commerce-Project>

Sep 2025 - Oct 2025

- Built and deployed a secure e-commerce API backend with **NestJS**, supporting real-time order processing and multi-role user access.
- Integrated **JWT-based authentication**, **transaction endpoints**, and **data validation** using class validators for seamless functionality.
- Enhanced application performance by structuring reusable services and leveraging **TypeORM relationships** to manage complex data models.
- Applied **advanced data validation** using **class-validator decorators** to enforce correct product IDs, quantities, and price consistency during checkout.
- Leveraged **TypeORM relationships** to connect users, carts, orders, and products, enabling efficient querying and transactional integrity.
- Enhanced application reliability by structuring **modular, reusable services**, and optimizing database operations for high scalability and maintainability.

### Authify-API

□ <https://github.com/Lecksikerm/Authify-API>

Nov 2025

- Developed a full authentication system using Node.js, Express, PostgreSQL, Redis, and JWT. Implemented email-based OTP verification, secure login, access/refresh token flow, and token invalidation. Designed scalable architecture with Redis for OTP and session management.

## Work Experience

### Trailblazer Islamic School

Sept 2022 - July 2024

Science Subject Teacher

- Taught Mathematics, Chemistry, and Physics to junior and senior secondary students, fostering curiosity and strong analytical skills.
- Conducted laboratory demonstrations and experiments, ensuring adherence to safety procedures and hands-on understanding of scientific concepts.

## Education

ALX Professional Foundation

Professional Development Skills

Aug 2025 – Present

Osun State College of Technology Esa-Oke

HND, Civil Engineering

Jan 2021 - Oct 2023