

Mohamed Awad

Backend Developer (NodeJS)

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PROFESSIONAL EXPERIENCE

Route – Backend NodeJs (Internship)

04/2025 – 10/2025 | Remote

- Developed and maintained server-side applications.
- Built robust and scalable systems.
- Created and integrated RESTful APIs.

PROJECTS

Blog App

A full-featured blogging platform with posts and comments, media uploads, and secure auth.

Main Features: CRUD for posts/comments, upload images/videos using Multer, JWT auth, rate-limit on login, pagination, search, soft delete.

Technologies: Node.js, Express, mysql, sequelize, Multer, Redis, JWT, Helmet.

Notes App

Secure note-management system using cookies and strong security practices.

Main Features: JWT auth with cookies for refresh tokens, OTP email confirmation/reset, Redis for login attempts, encryption for sensitive data.

Technologies: Node.js, Express, MongoDB, Mongoose, Redis, Joi, Bcrypt.

Clinic Booking System

Medical booking management with reminders and media support.

Main Features: Daily/monthly bookings, email reminders (node-cron), search, pagination, Cloudinary uploads, phone encryption.

Technologies: Node.js, Express, MongoDB, Mongoose, Cloudinary, Node-cron, Day.js.

Course App

Course booking and management platform similar to the clinic system but with PostgreSQL.

Main Features: Course bookings, Signup&Login; with google ,Joi with high Validation Data , image uploads (Multer → Cloudinary), use transaction with delete category (delete course in category), send emails for confirmed Booked , search & pagination, Node-cron to delete the canceled Booking in DB.

Technologies: Node.js, Express, PostgreSQL, Sequelize, Multer, Cloudinary, node-cron, Day.js.

SKILLS

NodeJS – ExpressJS – NestJS – TypeScript – Javascript – MongoDB – Mongoose – PostgreSQL – Sequelize – mysql – REST API – Git&GitHub; – Docker (basics)

EDUCATION

Faculty of Engineering – Mansoura University
Computer and Control Systems Department

CERTIFICATES

- SQL Course – Maharah
- MongoDB Course – Maharah