

SEMA ALI

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SUMMARY

Backend Developer with experience in creating scalable server-side applications using Node.js, NestJS and Express. Skilled in developing RESTful APIs, architecting databases using ORM technologies like Sequelize and TypeORM, and optimizing application performance. Dedicated to writing clean, maintainable, and efficient code while delivering reliable backend solutions that support business growth and scalability.

PROJECTS EXPERIENCE

Education Management System (LMS)

Nov 2025- Dec2025

- Designed a modular backend system for managing courses, instructors, students, and assignments.
- Engineered role-based academic workflows.
- Implemented assignment lifecycle management (create, submit, review, grade).
- Structured relational data models for courses, enrollments, and submissions.

Eventpop - Event Management System

Mar 2025- May2025

- Developed a platform for managing public/private events with automated scheduling and conflict detection.
- Implemented multi-role access control.
- Built event discovery features: search, filtering, and bookmarking.
- Integrated calendar sync and real-time notifications.
- Enabled secure online ticketing with payment verification.

Enaya - Health Management System

May 2024- Jun 2024

- Developed a health monitoring application for elderly care with secure user authentication
 - Implemented medication/activity tracking system with automated reminders
 - Designed RESTful APIs for real-time health data monitoring (blood pressure, diabetes)
 - Optimized database queries, improving response times by 30%
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EDUCATION

Bachelor of Information Technology

Oct 2020 - Sep 2025

- Specialization in Software Engineering | Homs University, Homs , Syria
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SKILLS

- Backend Development: Node.js, Express, NestJs, Firebase
- PostgreSQL (Sequelize, TypeORM), MongoDB (Mongoose), MySQL
- API Design & Documentation: Swagger, Postman
- Tools & Platforms: Git, Docker

LANGUAGES

- Arabic (Native)
- English (Professional)