Saja Hamade

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Profile Summary

Computer Science graduate, currently pursuing a Master's degree, with strong full-stack development skills in MERN stack and familiarity with AWS cloud services. Dedicated, detail-oriented, with a strong focus on applying technical expertise to real-world challenges and continuously grow as a developer.

Experience

Full Stack Intern, Zero&One Beirut Digital District (BDD), Jul – Sep 2025
- Built and deployed projects using NestJS, React.js, Redux, and Material UI under the guidance of **Ahmad Edris** (Senior Cloud Software Engineer, referral: a.edris@zeroandone.me).
- Gained hands-on experience with AWS cloud services for deployment, authentication & authorization, database management, security, and networking.
- Containerized applications using Docker.
- Worked in close collaboration between the development and AI teams, combining cloud-based solutions and AI components to deliver integrated projects.
- Contributed to team development processes, utilizing GitHub for version control and managing tasks through sprint-based progress tracking.

Full Stack Intern, TECHlarious and Two Of Us L.L.C Remote, Jul 2024
- Focused on MERN(MongoDB,Express.js,React.js,Node.js) Full Stack Development, through guided projects and collaborative tasks.

Education

MSc Computer Science   Oct 2024 – Present
Lebanese University - Faculty of Science-Hadath
BSc Computer Science   Oct 2021 – Jun 2024
Lebanese University - Faculty of Science-Hadath

Certifications

AWS Cloud Practitioner, Amazon Web Services - Jul 2024
Achieved through a program for distinguished students, jointly organized by the Lebanese University and AWS. Helped me gain a strong foundation in key cloud concepts.

Ethical Hacking Foundation, Semicolon Academy
Earned ETH 101 certification after mastering core cybersecurity concepts and tools like Burp Suite, with hands-on labs in identifying and exploiting network, web, and social-engineering vulnerabilities.

Projects

github.com/zeroandone-interns **PrepPilot – AI-powered Learning Platform**

- Developed the backend using NestJS (TypeScript) with PostgreSQL (PgAdmin) for secure and scalable data management, frontend in React with Redux for state management and Material UI for a modern, user-friendly interface.
- Implemented user authentication with AWS Cognito, learner progress tracking, dynamic website translation based on the selected language, and designed learning flow automation to ensure structured study.
- Integrated AI to automatically generate complete courses (modules, sections, flashcards, quizzes) based on course's provided description and documents and deployed a chatbot that answers based on the generated course content.

github.com/SajaHamade/Mini-Inventory-Management-System **Mini Inventory Management System**

- Full-stack CRUD system using NestJS/TypeScript, MySQL, Prisma ORM; frontend in React/Redux with Material UI.
- Integrated AI for semantic search, product translation, and automated document ingestion.

github.com/SajaHamade/N-AutoStop **N-Auto Stop**

- Full-stack system using MongoDB, Express.js, Node.js with JWT-based authentication; frontend in React; Leaflet.js and Turf.js for interactive maps.
- Integrated interactive maps using Leaflet.js, enabling drivers to select source and destination visually, and developed a ride search feature that matches passengers' locations and calculates trip costs dynamically using Turf.js.

github.com/SajaHamade/Airline-Company-System **Airline Company System**

- Full-stack system using Spring Boot and MySQL; frontend in React.js.
- Implemented flight search/booking and admin dashboard ,and applied design patterns for scalable and maintainable architecture.

github.com/SajaHamade/E-Commerce **E-commerce**

- Full-stack system using MongoDB, Express.js, and Node.js with JWT-based authentication; responsive frontend in React.js.
- Core e-commerce features: product browsing, cart, and orders.

Skills

Technical Skills: React.js, Express.js, Node.js, NestJS, Serverless Framework, JavaScript, TypeScript, PHP, C, Java SpringBoot
Databases: MySQL, MongoDB, PostgreSQL
Languages: Arabic(native), English(Fluent), French(Foundational knowledge, continuing to improve)
Soft Skills: PublicSpeaker, Motivator and Leader, Collaborative Teamplayer, Problem-Solver