

MOHAMAD NOUR ALDEEB

Software And Information Systems Engineer | Backend Developer

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SUMMARY

I'm an Informatics Engineer specializing in Back-end Development with a focus on core computer science concepts. I'm proficient in programming, analytical thinking, and problem-solving, mainly using Node.js and MySQL for server-side web applications and database management and real-time applications using Socket.io and make scalable code. I excel in debugging, fixing issues, and collaborating with teams, and I am committed to delivering high-quality solutions. I possess strong communication skills, allowing me to collaborate seamlessly with other developers, project managers, and stakeholders.

WORK EXPERIENCE

An automated system for managing graduate studies

Homs University - 2022

- I developed and maintained a comprehensive database for graduate student records to fit the new requirements and used Django modeling techniques to quickly access and up-to-date information accessibility for faculty and facilitation the work for employees.
- I designed UX UI interfaces that suit the employee and are comfortable to use, and I designed UML diagrams for the project.

Backend Developer ([LINK](#))

YES For Online Services - 2023

• Team management app

- Developed the backend for a comprehensive team management application using Node.js using Next.js and Socket.IO, creating a robust platform for task management, real-time employee status tracking, and collaborative communication.
- Implemented real-time features using Socket.IO, enabling seamless updates on task progress, employee availability, and project status.
- Designed and built a secure API for user authentication, data management, and task assignment, ensuring efficient and secure data handling.
- Developed an intuitive admin dashboard for managing user roles, permissions, and system settings, providing centralized control over the application.
- Built an integrated chat feature within the application, facilitating instant communication between team members, reducing the need for external messaging tools and promoting efficient collaboration.

• Help Center site ([Link](#))

- Implemented a dynamic dashboard using NestJs modules and controllers, enabling administrators to easily create, edit, and manage help center articles, FAQs, and other support content, streamlining the process of updating and maintaining online resources.

• YES Landing Page site

- Implemented a user-friendly dashboard that allowed administrators to easily create, edit, and manage landing page content, including headlines, call-to-actions, forms, and images, streamlined within a structured and modular Express.js application.

• iDBOOK real time server side for app ([Link](#))

- Developed the real-time server-side logic for iDBOOK, a custom application, using Socket.IO to handle real-time events and ensure smooth, responsive interactions for users, addressing the need for a dynamic and engaging user experience.

• Jena for sales management

- Designed and developed a comprehensive sales management solution using NestJS for both an Android APK app and a web-based dashboard, enabling field agents to efficiently create invoices and manage sales data.
- Built robust reporting features that allow administrators to generate detailed sales reports, track agent performance, and support data-driven decision-making for the Jena company.

Quraany telegram bot

Personal Project - 2024

- Developed and maintained a comprehensive Quranic verse search and translation bot for Telegram Messenger using Node.js Express framework.
- Integrated Natural Language Processing (NLP) package for improved text analysis capabilities
- Created and maintained a database system for storing and retrieving Quranic information
- Current Focus: Continuing to develop new features and improving existing functionalities to enhance the bot's utility and user engagement.

eSimly App ([Link](#))

eSimly Ltd - 2024

- Developed and maintained the backend for eSimly, an eSIM purchase platform, using Node.js and Express.js.
- Built a comprehensive admin dashboard to manage app versions, employees, and user activities.
- Implemented robust security measures, including WAF (Web Application Firewall), to ensure data protection and prevent vulnerabilities.
- Designed scalable APIs and optimized backend performance for seamless user experience.

Front End Developer

FreeLancer - 2023

● موقع سوق السمك الطازج

- Developed the front-end for سوق السمك الطازج, a static website for a seafood restaurant, using HTML, CSS, and JavaScript.
- Implemented a clear and informative menu system, showcasing the restaurant's seafood offerings with interactive elements and a user-friendly layout, using static data and JavaScript for dynamic display

EDUCATION

Software and information systems engineering

Homs University 2018-2023

- Advanced software architecture and design patterns
- Object-oriented programming and software engineering methodologies
- Database systems and data modeling
- Network protocols and cybersecurity fundamentals
- Cloud computing and distributed systems
- Project management and software lifecycle processes

COURSES

Studied Responsive Website Basics: Code with HTML, CSS, JavaScript

Online by Coursera - 2020

- [Certificate link](#)

Studied Excel Skills for Business: Essentials

Online by Coursera - 2020

- [Certificate link](#)

Introduction to Databases

Online by Coursera - 2022

- [Certificate link](#)

Cyber Security Course

By Darrebni. Co - 2024

- [Recommendation letter link](#)

SKILLS

- **Programming:** JavaScript, TypeScript, Python, Java, SQL
- **Frameworks:** Express.js MVC, Nest.js MVC, Next Restful API
- **Libraries:** Socket IO, Sequelize.js, Cronjob, Swagger, JWT, bcrypt, nodemailer, firebase-admin,
- **Tools:** Git, GitHub, GitLab, Jira, Postman, Wireshark, Snort, Kali Linux tools
- **Database Technologies:**
 - Relational Databases: MySQL, PostgreSQL, SQLite
 - NoSQL Databases: MongoDB, Redis
- **Operation Systems:** Windows, Kali Linux
- **Soft Skills:** OOP, Clean code, Problem solving, Design pattern, UML, ERD, Best Practices Performance, MS Office, Odoo ERP, TTP (Tactics - Techniques -Procedures), Networking Principles, Intrusion Detection/Prevention Systems

LANGUAGES

- **Arabic:** Mother Tongue
- **English:** Intermediate