Hesham Ali

✉ Hesham12ali13@gmail.com 📞 01154063086 📍 6th of October City

in https://www.linkedin.com/in/hesham-ali-attia/ ○ https://github.com/Hesham000

SUMMARY

Backend Developer with over 2 year of experience in developing secure and scalable APIs. Proficient in Node.js, Knolwedge in .Net,and AWS cloud services, with a strong background in database optimization and performance tuning. Known for writing clean, maintainable code, and collaborating effectively within agile teams. Seeking to contribute technical expertise to a forward-thinking company in the backend development space.

EDUCATION

Faculty of Computer Science (Software enginnering)   2023/09
Dual degree from: Modern Sciences and Arts (MSA) & Greenwich University

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SKILLS

Programming Languages: — JavaScript, C++, C#, HTML, CSS

Frameworks & Libraries: — Node.js, Express.js, .NET, Flutter, Next.js, FastAPI, React

Databases: — MongoDB, SQL, Firebase, Supabase

Tools & Platforms: — AWS, Git, GitHub, WordPress, Shopifiy

Other Skills: — Object-Oriented Programming (OOP), Problem Solving, Clean Code Practices, Prompt engineer

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CERTIFICATES

- AWS Foundation Cloud
- Scrum Fundamentals
- Flutter Mobile Development ITI
- .Net Web Developer

PROJECTS

E-Commerce Platform with Recommendation Engine
Flutter, Node.js, Express.js, Firebase, Python (ML)
- Developed a multi-vendor platform with ML-based product recommendations using matrix factorization.
- Integrated user ratings, real-time ordering, and secure auth.
- Improved engagement by 15% with smart recommendations.

CRUD Movie App
Angular, Node.js, Express.js, MongoDB
- Built full-stack movie management app with user/admin roles.
- Secured data access using JWT and implemented full CRUD.
- Enabled efficient admin control with dynamic filtering.

Todo App with ML
React Native, Node.js, MongoDB, Python (NLP)
- Created cross-platform todo app with sentiment-based task prioritization.
- Integrated offline access and productivity tracking.
- Used JWT for secure, personalized user sessions.

EXPERIENCE

Natours Tours App

Node.js, Express.js, MongoDB

- Developed RESTful APIs with filtering, sorting, and payment integration.
- Implemented secure authentication and geolocation features.

Advanced Crypto Trading Bot

Node.js, MongoDB, WebSockets, REST APIs

- Built a real-time bot using WebSockets and technical indicators.
- Modular strategy engine increased profitable trades by 20%.

Inventory Management System

Node.js, Sequelize, MySQL, IBM Cloud

- Developed secure inventory/order management with JWT & RBAC.
- Integrated IBM Cloud for scalable backend performance.

ALEN Wood Work Website

WordPress

- Developed and deployed a responsive portfolio site.
- Boosted client engagement by 40% post-launch.

Hustlers Mobile App

Node.js, Express.js, MongoDB, Next.js

- Built backend APIs and admin dashboard for a dropshipping app.
- Enabled secure role-based operations and order management.

Ecomsolution website

WordPress

- Created e-commerce consulting website with product catalog.
- Integrated contact forms, payment, and mobile-friendly design.

PERSONAL INFORMATION

Military Services
Exempted

Graduation year
2023