

Mohammad A. Alassiri

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Professional Summary

Versatile and innovative Full-Stack Developer with a proven track record of building and deploying high-performance, full-featured web applications. Proficient in modern tech stacks like React, TypeScript, Node.js, Express, and PostgreSQL. Demonstrates strong UI/UX design skills alongside backend engineering. Creator of 10+ live demo apps covering real-world use cases. Blends technical depth with clean architecture and automation. Actively explores cloud, DevOps, and AI technologies to create scalable, intelligent systems.

Technical Skills

Frontend Development

React, JavaScript, Tailwind CSS, HTML5, UI/UX Principles

Backend Development

Node.js, Python, Django, Flask, PHP, C#/.NET

Databases & ORMs

PostgreSQL, MySQL, MongoDB, Drizzle ORM

Cloud & DevOps

AWS, Google Cloud, Firebase, Docker, GitHub, GitLab

AI & Data

TensorFlow, PyTorch, OpenAI, Firebase, Replit

Web3 & Trading

Ethereum, Web3.js, Blockchain Development, dYdX Trading Automation

Projects

Portfolio Website

Built a personal showcase with 10+ demo apps using React, TailwindCSS, TypeScript, Express & PostgreSQL. Features include a dynamic dashboard, Drizzle ORM integration, and Oracle VPS deployment with CI/CD.

AI English Tutor

AI-powered language tutor that provides conversational practice and feedback.

Statistical Arbitrage Trading Tool

**Built for analyzing and executing market-neutral DeFi/CeFi strategies.
Automated on Telegram and AWS.**

Professional Experience

Operations Manager (Hybrid)

Lenador Systems Information Technology | Abu Dhabi | Sep 2020 – Present

- **Managed technical support teams (100+ personnel) across large-scale events and IT deployments.**
- **Oversaw the setup of POS devices, cash vending machines, and networking infrastructure.**
- **Delivered live support and technical training for exhibitors and partners.**
- **Introduced workflow automations and integrated IT solutions for streamlined operations.**
- **Contributed to technical planning and implementation during major cultural events (e.g., book fairs, NYE shows).**

Full-Stack Developer (Freelance)

Remote | 2020 – Present

- **Built REST APIs, component systems, dashboards, and data-driven apps.**
- **Containerized applications with Docker and automated deployments with CI/CD.**
- **Integrated AI capabilities into several apps to extend functionality.**
- **Applied modern frontend techniques for performance and usability.**

Education

Knowledge Engineering – Completed Coursework
Maastricht University (2012)

Business Administration – Completed Coursework
Abu Dhabi University (2008)

Associate of Science in Tourism
The Intermediate Institute of Tourism & Hotel Management, Damascus (2002)

Certifications & Online Courses

- CS50's Introduction to Computer Science – Harvard (edX)
- Google Cloud Certified Associate Cloud Engineer
- DYDX Pairs Trading Bot in Python – Custom Build on AWS
- Git & GitHub – Codecademy
- Introduction to Gen AI - Microsoft

Languages

- English – Fluent
- Arabic – Native
- Dutch – Conversational
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Additional Information

- Portfolio: alassiri.nl – Live demos of 10+ full-stack applications
- Interests: AI agents, cloud automation, DeFi trading bots, app design, business & startups