

Jamal Aldin Moshgi

Full Stack Software Engineer

Dubai, U.A.E | +971 50 178 7502 | +20 101 180 8097
info@moshgi.dev | linkedin.com/in/jamal-aldin-moshgi | www.moshgi.dev

SUMMARY

Software engineer who builds and runs the business systems behind government and enterprise clients in the UAE. Sole engineer on a platform replacing 13 separate applications for a government department, and technical lead on reporting systems covering multi-billion-dirham project portfolios.

EXPERIENCE

Stradigi Management Consultancies

Feb 2026 – Present

Full Stack Software Engineer

Dubai, U.A.E

- **Lumen — Dept. of Culture and Tourism, Abu Dhabi:** Sole engineer on a platform that replaced 13 separate legacy applications with one integrated system of 15 modules, delivered with an automated test suite of over 1,500 checks that catches errors before they reach users.
- **Lumen — Hosting and Security:** Led the platform's live launch on Microsoft Azure in the UAE and wrote the hosting and security blueprint handed to the government client's IT team, covering where data is stored, who can reach the system, and staying online if a data centre fails.
- **Lumen — Automation:** Replaced hours of manual data re-entry with a one-step import for the client's largest cost-reporting spreadsheet, checking the figures automatically and flagging problem rows for review.
- **Lumen — Artificial Intelligence:** Built a feature that turns meeting recordings or transcripts into formatted minutes, pulls out the agreed action items, and files them straight onto the team's task list.
- **ADPIC — Abu Dhabi Projects and Infrastructure Centre:** Designed and directed delivery of a platform giving leadership a single view of billions of dirhams capital-projects portfolio, with safeguards that catch format changes in the three external systems it draws from, before they corrupt executive reporting.
- **Digital Workplace Portal:** Built an AI feature that lets users improve survey questions by describing what they want in plain English, hardened against misuse and verified by 35 automated security tests before release.
- **Security Incident Response:** Led the investigation into a live break-in on a company website — identified six pieces of malicious software, reconstructed how and when the attackers got in, and had the site cleaned, secured and back online within 24 hours.

Information Technology Institute (ITI)

Sep 2024

Full Stack Developer Intern (MERN)

Cairo, Egypt

- Built a complete online shopping application end to end — customer-facing website, server, and the database storing products and orders.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, SQL, Bash, HTML/CSS

Frontend: React 19, Tailwind CSS, Radix UI, Vite, Recharts

Backend: Node.js, Express, tRPC, Zod, REST APIs, JWT, OAuth 2.0, RBAC (role-based access control)

Data: PostgreSQL, MySQL, Drizzle ORM, schema migrations, MongoDB

AI / LLM: OpenAI, Google Gemini, Whisper, LLM tool calling, RAG, prompt engineering, structured outputs, prompt-injection defense

Cloud & DevOps: Microsoft Azure (Container Apps, Key Vault, Managed Identity, VNet), Docker, Docker Compose, Nginx, GitHub Actions, CI/CD, Linux, Cloudflare

Testing & Tools: Vitest, automated testing, security testing, Git, GitHub, npm, Postman

PROJECTS

EduGenie — AI-Powered Learning Platform

2025

Backend Engineer | MERN Stack, OpenAI API

- Built the system behind an online learning platform's exams — setting, scheduling, sitting them online, automatic marking and results — with separate permissions for teachers and students.
- Added AI-assisted marking that writes feedback for students automatically.

EDUCATION

University of Greenwich

2025

BSc (Honours) Computer Science — Software Engineering

London, UK

Modern Sciences and Arts University (MSA)

2025

BSc Computer Science — Software Engineering

Giza, Egypt

SPOKEN LANGUAGES

Arabic: Native | **English:** Professional Working Proficiency