

# Ahmed Fayez Ahmed Mohamed

Engineering Team Lead | Senior Full-Stack Software Engineer

Jeddah, Saudi Arabia | +966 53 005 2104 | A@AhmedFz.com | AhmedFz.com

---

## PROFESSIONAL SUMMARY

Engineering Team Lead and Senior Full-Stack Software Engineer with 7+ years of experience delivering cloud-native web applications, workflow automation, and enterprise and government technology solutions. Hands-on across backend, frontend, cloud deployment, technical leadership, stakeholder communication, and business analysis. Strong experience with NestJS, Angular, TypeScript, Python, Django, C#, .NET Core, Google Cloud Platform, databases, APIs, and Agile delivery.

## CORE SKILLS

Engineering Leadership, Technical Delivery, Business Analysis, Stakeholder Management, Solution Design, Full-Stack Development, NestJS, Node.js, Angular, TypeScript, JavaScript, Python, Django, C#, .NET Core Web API, REST APIs, MongoDB, PostgreSQL, Oracle PL/SQL, Google Cloud Platform, Cloud Run, GKE, CI/CD, DevOps, Appsmith, Power BI, Selenium, Azure DevOps, Jira, GIS Integration, Data Migration, Agile, Scrum

---

## PROFESSIONAL EXPERIENCE

### Team Lead / Engineering Team Lead | Penny Software

May 2024 – Present

- Lead cross-functional engineering squads, set sprint goals, run code reviews, and mentor engineers and trainees across the stack.
- Build and deliver full-stack features using NestJS and Angular with a clean architecture approach focused on scalability and maintainability.
- Serve as the engineer in command for the RCMC project (Royal Commission of Makkah City and Holy Sites), leading client interaction, business analysis, requirements translation, and delivery of multiple project-specific enhancements and features for a governmental client.
- Architect and automate cloud-native deployments and releases on Google Cloud Platform across Cloud Run, virtual machines, and GKE clusters.
- Founded and delivered PennyLab, an internal Appsmith-based portal that enables developers to launch complex MongoDB jobs and analyses without backend changes and helps reduce direct production-cluster access.
- Led the Local Content Integration Project (LCGPA), creating the branch used to calculate Local Content scores for products procured through Penny software and collaborating with live customer Tahakom.

### Consultant IT & GIS Team Lead | Jeddah Municipality

Oct 2022 – May 2024

- Led a team of senior developers, analysts, and GIS specialists to design and deliver web applications aligned with the Investment Agency's requirements.
- Owned requirements analysis, workflow analysis, backend API mapping, database design, GIS integration, data intelligence, and data migration activities.
- Applied Agile and Scrum delivery practices and used Jira to track execution, performance, and KPIs.
- Delivered frontend applications using Angular and built interactive dashboards using Microsoft Power BI.
- Coordinated integrations with external sectors including the Ministry of Commerce and NIC.
- Contributed to the Investment Portal web application (investor.jeddah.gov.sa) built with .NET Core Web API, C#, Entity Framework ORM, and Angular.

### Full Stack Web Developer | Mohsen ALYasi Law Firm

Nov 2020 – Oct 2022

- Collected client requirements, user stories, and use cases to build Agile software that automated law firm operations.
- Built and maintained web applications using Django, JavaScript, jQuery, HTML, CSS, PostgreSQL, Nginx, and Unicorn on Linux.

- Improved a legacy ASP.NET-based content management system and used those learnings to help shape a better replacement system.
- Introduced electronic signature workflows using Form Publisher and streamlined archiving through simple digital forms.
- Supported continuous delivery practices through Azure DevOps and maintained automated test suites using Selenium and TestProject.io.
- Delivered the Unified web application (dqlaw.sa) for managing and maintaining mid-sized law firms across departments.

### **Vice Chief of Operations | Sorouh Medical Investment**

*Sep 2020 – Oct 2022*

- Coordinated daily operational tasks with project managers, supported Etimad.sa governmental tender preparation, and introduced workflow automation using Google Sheets and Form Publisher.

### **Project Manager | Taif University**

*Jul 2019 – Oct 2022*

- Led a 17-person team on the Labs and Equipment Maintenance project.
- Built and deployed a Work Order Request workflow web application and automated sheets using Google Apps Script (JavaScript).
- Designed the CMMS database data model using UML and defined system algorithms, use cases, and workflows for work order requests.
- Gathered client requirements and coached computer engineers in collaboratively preparing the high-level system design.
- Created wireframes and UX flows for the CMMS and worked with IT to turn the design into an MVP for user feedback.

## **EDUCATION**

---

### **King Abdulaziz University, College of Engineering**

*Master of Science (MSc) in Computer Engineering | Jan 2021 – Jul 2023*

- First Degree of Honor and Excellence (4.97/5.00).
- Thesis: Deep Learning-Based OCR for Digitization of Official Documents.

### **Taif University, College of Engineering**

*Bachelor of Science (BSc) in Electrical Engineering | Aug 2014 – May 2019*

- First Degree of Honor and Excellence (3.95/4.00).
- Senior Project: Smart solar PV panel cleaning robot using microcontrollers.

## **SELECTED CERTIFICATIONS**

---

- Saudi Council of Engineers — Accredited Engineer (2019 – Present)
- CISCO Networking Academy — Introduction to Cybersecurity (Feb 2022)
- KAU HPC Center — Natural Language Processing Course (Oct 2022)
- University of Michigan — Python for Everybody, Databases, and Django for Everybody Specializations (2019–2021)
- University of British Columbia — SoftEng1x: Software Engineering Introduction (Oct 2021 – Dec 2021)
- Brainnest — Frontend Development Industry Training (Aug 2022 – Sep 2022)

## **LANGUAGES**

---

Arabic (native), English (professional working proficiency)