Ahmed Mohsen Albaz

Staff Engineer / Frontend Technical Lead | Full-Stack & AI-Enabled

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Professional Summary

Strategic **Staff Engineer & Technical Lead** with 13+ years of experience driving the evolution of large-scale web ecosystems. Expert in **Angular architecture and Product-Oriented Engineering**, with a recent focus on Generative AI orchestration. Recognized for leading high-performing teams through complex digital transformations, optimizing development lifecycles, and delivering robust, secure solutions for top-tier government.

Professional Experience

THIQAH Business Services Co., Riyadh, Saudi Arabia

Staff Developer – Digital Innovation Unit | Jan 2024 – Present

- Led initiatives bridging development and R&D teams, including establishing the AI Integration & Adoption Unit.
- Transformed concepts into MVPs for iHealth, Quality Mate, and Business AI, integrating AI agents and automating processes.
- Provided strategic guidance and technical support to product engineering teams.
- Enhanced development workflows and improved SharePoint portal for AI-driven initiatives.

Staff Developer – Engineering Team | Sep 2022 – Dec 2023

- Supported CI/CD, containerization, and DevOps practices across enterprise platforms.
- Contributed to backend and frontend integration using TypeScript, NestJS, ABP Framework, Keycloak, and Vault.

Senior Frontend Developer – Product Engineers | Jul 2019 – Sep 2022

- Delivered high-quality Angular solutions and reusable design system components.

- Mentored team members, promoted best practices, and guided frontend architecture design.

Naseej AAS, Cairo, Egypt | Aug 2017 – Jun 2019

- Senior Frontend / UI Developer, developed enterprise web applications and optimized UI workflows.

Roqay, Mansoura, Egypt | Apr 2016 – Jan 2017

- Frontend Developer, focused on polished production-quality interfaces.

Deltasoft, Mansoura, Egypt | Jul 2015 – Mar 2016

- Frontend Developer delivering interactive and responsive web interfaces.

Harf Information Technology, Egypt | May 2015 – Jun 2015

- E-Content Developer, created instructional content and interactive e-learning materials.

Information Technology Institute (ITI), Mansoura, Egypt | Oct 2014 – Jun 2015

- Trainee & Team Leader, eLearning Track; led instructional design and content development projects.

Education

Mansoura University, Egypt

- Bachelor of Specific Education – Computer Department | 2009 – 2013 | Grade: Good

Information Technology Institute (ITI), Egypt

- Professional Training Program (9 Months) | 2014 – 2015 | Grade: Very Good
- Selective scholarship bridging academic knowledge with ICT market needs, with hands-on projects and industry-aligned tracks.

Mansoura University, Egypt

- Diploma in Computer Science, Faculty of Specific Education | 2014 – 2016

Skills

- **Frontend & Full-Stack:** Angular, TypeScript, JavaScript (ES6+), Node.js, NestJS, Express, Bootstrap, SASS, SMACSS
- **AI & ML Integration:** Flowise AI, Cursor AI, Ollama, Generative AI
- **DevOps & Tools:** CI/CD, ArgoCD, GIT, TFS, Containerization, Vault, Keycloak
- **Web & API:** REST API, JSON, XML, Responsive Web Design, PWA, LitElement
- **Design & UX:** Figma, Adobe XD, Photoshop, Design Systems, UI/UX best practices
- **Soft Skills:** Leadership, Mentorship, Agile/Scrum, Product-Oriented Thinking, Collaboration, Problem-Solving

Achievements & Recognition

- **First Place, THIQAH Hackathon (2023):** AI-powered voice recognition tool for accessibility.
- **Second Place, Elm Company Hackathon (2025):** Integrated AI solution using Nuha LLM, OpenAI LLM, LangChain, CrewAI, FastAPI, NestJS, Angular.
- **iHealth Product Presentation at LEAP 2025:** Showcased innovative healthcare solution.
- **Published Technical Article (2024):** Azure AD SSO Integration in Angular on Medium.
- **NVIDIA Certification:** Fundamentals of Machine Learning (2025).
- **Thiqah Awards:** Recognized for Trust, Responsibility, Cooperation, Flexibility, and Innovation.
- **Certificate of Appreciation (2022, 2023, 2024):** Recognized for outstanding contributions within the development department and projects, including AI hackathons.

Languages

- **Arabic:** Native
- **English:** Professional working proficiency (actively improving)

Interests & Activities

- Chess and strategic games
- Hiking, sports, and padel
- Exploring emerging technologies and AI innovations
- Reading (technology, leadership, and personal development)