



OSAMAH AL-AINI

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SOFTWARE ENGINEER

Dedicated software engineer skilled in AI and full-stack development, with proven results delivering impactful solutions for diverse clients. Adept at synthesizing technical innovation and real-world needs to drive successful projects from concept to completion.

WORK EXPERIENCE

Lead Developer | Perfectloop Tech, Jeddah (Remote) Aug 2025 - present

- Lead development teams across multiple projects, overseeing all phases of full-stack software design, development, and deployment.
- Drive technology decisions and architecture, integrating modern frameworks and cloud solutions to ensure scalable, robust product delivery.
- Managed cloud and on-premises servers, automated workflow pipelines and deployments using CI/CD tools to ensure high reliability and efficient delivery.
- Spearhead the adoption of best coding practices, CI/CD automation, and code review processes, resulting in increased delivery velocity and reduced defects.

AI Engineer | Bitlogicx, Lahore March 2024 - May 2025

- Design, developing, and deploying machine learning and AI-based solutions for business applications.
- Implementing deep learning models, natural language processing (NLP), and computer vision systems.
- Conducting research and integrating advanced AI techniques to improve accuracy and efficiency.
- Collaborating with cross-functional teams to align AI solutions with business goals.

Freelance Full Stack Developer | Self-employed 2023- 2025

- Delivered end-to-end solutions for international clients, managing all aspects of product lifecycle from requirements gathering to deployment.
- Led projects for organizations in Qatar, Saudi Arabia, and beyond, implementing both user-facing and backend software.
- Conducting research and integrating advanced AI techniques to improve accuracy and efficiency.
- Key achievements and representative projects:
 - See detailed project list below.

EDUCATION

BS Software Engineering | Superior University 2021 - 2025 | GPA: 3.4

- Developed strong foundations in full-stack development, project management, AI, and software quality assurance.
- Studied requirements analysis, software system design, and process optimization for efficient development lifecycles.

SKILLS

- DevOps & CI/CD
- AI & Machine Learning
- Full Stack Development
- Logic & Algorithmic Thinking
- Problem Solving
- Analytical Reasoning

PROJECT HIGHLIGHTS

Rawabet Real Estate Platform

Client: Rawabet

Tech Stack: ReactJS, Next.js, Node.js, Express, MongoDB

- Developed a bilingual (Arabic/English) real estate website for Rawabet, enabling the company to reach and serve diverse user segments across the region.
- Provided seamless management of property listings, user accounts, and smart home features.
- Implemented backend APIs, authentication, and secure cloud infrastructure to support robust, scalable operations and protect client data.
- Crafted a mobile-responsive frontend with dynamic dashboards and property management tools for both clients and administrators.
- [Rawabet Real Estate Platform] (<https://rsre.sa>)

Ajial Educational Platform

Client: Ajial Center

Tech Stack: Next.js, Node.js, Express, MongoDB, Firebase, AWS

- Developed a multi-language, multi-regional educational platform supporting Arabic and English, tailored content and branding for Qatar and Saudi Arabia.
- Engineered visually engaging interfaces with dynamic cards for educational services, community initiatives, and cultural programs, enhancing user exploration and registration.
- Integrated animated testimonial carousel for client/stakeholder feedback, building trust and showcasing program impact.
- Prominently displayed award recognition and institutional achievements for credibility and user motivation.
- Delivered robust backend infrastructure for managing programs, users, feedback, booking, notifications, and analytics.
- Implemented advanced navigation, quick access menus, and contact features to maximize parent and educator involvement.
- [Ajial Educational Platform] (<https://ajial-ecru.vercel.app/>).

Al Faris Legal Services APP

Client: Faris Al-Malki

Tech Stack: Flutter, Node.js, Express, MongoDB, AWS, Livekit.

- Developed a bilingual mobile app connecting clients with verified lawyers for legal services in Saudi Arabia.
- Implemented secure authentication, real-time chat and video calls, payment integration, and an AI-powered legal consultation chatbot.
- Architected the platform for scalable, secure multi-role access and seamless integration with cloud services.
- Built an advanced admin panel for system monitoring, analytics, and comprehensive management of users, services, and transactions.
- [Al Faris Legal Admin panel] (<https://alfarisconsultation.com/>).

INTERESTS

- Research and innovation
- Gaming
- Coding
- International Affairs
- Computational Logic
- Platform Architecture

CERTIFICATIONS

- TCPS 2: CORE (Ethics Course on Human Research), Completed November 2025
- AWS Certified Cloud Practitioner (or AWS Certified Developer – Associate)
- GitHub Learning Lab: Git & GitHub Essentials