

Ahmad Alhaj Ahmad

BACKEND / FULL STACK DEVELOPER.

CONTACT

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PERSONAL INFO

- 📍 Abu Dhabi, United Arab Emirates
- 📅 Date of Birth: 18 Nov 2003
- 📍 Place of Birth: Abu Dhabi, UAE

EDUCATION

2021-2025

AL AIN UNIVERSITY-ABU DHABI

- Bachelor of Science in Software Engineering

TECHNICAL SKILLS

- Languages:** Java, Python, JavaScript (Express.js), Dart (Flutter), TypeScript
- Frameworks & Tools:** Flutter, Express.js, LangChain.js, Next.js
- Databases:** SQL, Vector Databases (embeddings)
- Deployment/Cloud:** AWS, Render, Huggingface
- Version Control:** GitHub

CERTIFICATION & COURSES

- Machine Learning and Deep Learning Certification – Udemy
- Network Engineering (in progress) – Udemy
- AWS Cloud Practitioner Essentials (In Progress)** – AWS Skill Builder (Official Amazon Training Platform)

LANGUAGES

- Arabic – Native
- English – Proficient

REFERENCES: AVAILABLE UPON REQUEST

SUMMARY

Software Engineering graduate from Al Ain University – Abu Dhabi with hands-on experience in AI-driven systems, full-stack development, and intelligent automation. Skilled in Python, JavaScript, Flutter, and LangChain for building RAG chatbots, AI assistants, and data visualization tools. Developed multiple end-to-end projects including the ZAFIX Wellness AI Assistant and AI Study Assistant, integrating LLMs, embeddings, and cloud deployment. Experienced with secure backend design, API integration, and database optimization. Currently freelancing on AI automation and chatbot solutions while expanding knowledge in networking, cloud computing, and system security.

PROJECTS

Capstone Project — AI-Powered Study Assistant (Flutter)

(May 2025 – July 2025)

- Built a mobile AI study app featuring auto flashcards, quizzes, summarizer, planner, and an AI chatbot. Focused on usability, performance, and AI integration using Flutter (Dart) and GitHub.

AI Chatbot Web Application

(August 2025 – September 2025)

- Built a web-based retrieval-augmented generation (RAG) chatbot using LangChain.js, Express.js, and TypeScript.
- Integrated vector databases and LLM APIs to enable context-aware Q&A from custom documents.

ZAFIX Wellness AI Project (October 2025)

- Developed an AI-powered wellness assistant using Python, Streamlit, LangChain, FAISS, and Hugging Face. Implemented data visualization, RAG-based Q&A, and cloud deployment for interactive, context-aware health insights.

AI Medical Research Assistant (In Progress)

- Building an intelligent assistant that helps medical researchers find, summarize, and interpret scientific papers using LLMs, embeddings, and NLP pipelines for accurate, on-demand literature insights.
- Cloud Deploy on Render.

EXPERIENCE

App Developer Intern—ASFUR Travel App

Abu Dhabi, UAE | June 2025 – August 2025

- Developed mobile application features using Flutter (Dart).
- Collaborated with team members to implement UI and core functionalities.
- Applied best practices for code organization and version control with GitHub..

Freelance AI Developer — Self-Initiated Projects

Remote | September 2025 – Present

- Developing RAG chatbots using LangChain.js, Node.js, and React/Streamlit.
- Integrating LLM APIs, vector databases, and secure backends for automation tools.
- Experimenting with retrieval optimization and cloud deployment for real-use scalability.