MAJID ALBADWI

Backend Developer (FastAPI) | Data Analyst (Pandas/SQL) | AI (RAG)

Middle East (open to remote)
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GitHub: github.com/ALBADWIMAJID
Portfolio: albadwimajid.github.io/my-portfolio-/

SUMMARY

- Fourth-year Systems Engineering student at Volgograd State Technical University (VSTU).
- Build REST APIs with FastAPI and SQL-backed services; strong with MySQL (primary) and PostgreSQL (secondary).
- Deliver data analysis and reporting workflows using Pandas + SQL; ship dockerized demos with clear documentation.

SKILLS

Backend	Python, FastAPI, REST APIs, SQL, MySQL, PostgreSQL
Data	Pandas, SQL analytics, data cleaning, EDA, Jupyter
AI (secondary)	RAG, embeddings, semantic search, ChromaDB, LanceDB, OpenAI API, LangChain
DevOps	Docker, GitHub Actions (CI/CD), Linux/CLI, NGINX (basic)
Frontend	HTML, CSS, JavaScript, TypeScript, React, Vite

CERTIFICATIONS & TRAINING

Professional retraining: "Development of Information Systems on the 1C:Enterprise 8.3 platform"

- Volgograd State Technical University (VSTU) — Training Center "Digital Department" (Цифровая кафедра)
- 252 hours (7 credits) • Sep 2024 – Jun 2025

PROJECTS

Auto-Flashcards — github.com/ALBADWIMAJID/Auto-Flashcards

- Built an AI-assisted learning app that turns PDFs/videos/notes into spaced-repetition flashcards (summaries + Q&A).
- Dockerized for reproducible runs; live demo available.

Student Assignment Platform — github.com/ALBADWIMAJID/student-assignment-platform

- Built a multi-role dashboard UI for assignment workflows (student/admin/team dashboards) with auth pages.
- PWA-ready setup with manifest.json + service worker (sw.js); repository includes 30 commits.

Support AI Docs Parser — github.com/ALBADWIMAJID (repo: Support AI Docs Parser)

- Built a pipeline that collects support docs, cleans HTML/PDF, and outputs structured, RAG-ready datasets.

Airbnb Market Insights — github.com/ALBADWIMAJID (repo: Airbnb Market Insights)

- EDA and dashboard showing pricing and availability trends (Pandas/Jupyter).

RAG Telegram Bot — github.com/ALBADWIMAJID/rag-telegram-bot

- Telegram bot using retrieval (ChromaDB) + generation (OpenAI Chat Completions); deployable via env-based config.

EDUCATION

B.Sc. in Systems Engineering (in progress, Fourth-year) — Volgograd State Technical University (Faculty of Electronics and Computer Engineering)