

Abdulmalik Salah AlGhamdi

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Summary

I am a Computer Science graduate with strong analytical skills. My experience spans fine-tuning open source LLMs, full-stack web development using Django/React and data analysis with Python, complemented by introductory experience with database systems and knowledge of fundamental data structures and algorithms. I am also interested in cloud computing (AWS and Azure) and its applications in scalable software development and deployment.

Education

King Abdulaziz University

Jeddah, SA

- Bachelor's Degree in Computer Science, Faculty of Computing and Information Technology
- GPA: 4.56 (Excellent – Second Honors)
- Graduation: June 2025

Projects

Saudi Legal RAG System:

Developed an end-to-end pipeline that scrapes Saudi legal texts from **laws.moj.gov.sa**, preprocesses them into clean article chunks, builds a FAISS vector index with OpenAI embeddings, and implements a Retrieval-Augmented Generation (RAG) workflow using the **humain-ai/ALLaM-7B-Instruct-preview** model. The project includes robust Arabic-specific text normalization, accurate article-level chunking, deduplication, and a flexible prompt that treats retrieved statutes as reference material while allowing the LLM to add additional context.

Job Matching Platform (*Senior Project – Role: Leader/Full-Stack Developer*):

a full-stack job board application that combines a Django backend with a React frontend to connect job seekers and companies. The server side defines a custom user model with roles for job seekers and companies, manages job listings and applications, and can generate personalized CV feedback using the OpenAI API. A separate model pulled with Ollama ranks applicants for each job. The React interface provides pages for viewing and posting jobs, uploading CVs, requesting feedback, and managing profiles, while Django templates handle server-rendered views.

Experience

.NET Developer Internship

Ejad Digital Solutions Co. — June 2024 to August 2024

- Gained hands-on experience with .NET fundamentals, applied through developing a CRUD-based web application using ASP.NET Core MVC.
- Participated in quality assurance testing for internal projects by executing test scenarios, identifying bugs, and reporting results to the development team.

Skills

Technical:

- Programming language: Proficiency in languages such as Python and Java
- Data structures and algorithms: Understanding of fundamental data structures and algorithms, and their application in problem-solving.
- Database management: Introductory knowledge of SQL and database systems
- Microsoft Office Applications: Proficient in apps such as Word, Excel, PowerPoint, and Project.

Language:

- Arabic: Native Proficiency
- English: Advanced Proficiency (STEP: 92)