

# Abdulaziz Alsohimy

## AI Systems Engineer

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### SUMMARY

AI Systems Engineer specializing in scalable LLM driven systems, RAG architectures, and data-intensive backend solutions. Built and deployed agentic AI platforms integrating financial, document, and real-time data sources to deliver secure, production-ready applications. Passionate about transforming advanced AI capabilities into practical, high impact systems.

### EDUCATION

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| <b>Taibah University</b> <ul style="list-style-type: none"><li>Bachelor of Computer Science</li></ul>  | 11/2020 – 05/2025<br>Medina, Saudi Arabia |
| <b>Tuwaiq Academy, Agentic Artificial Intelligence</b> <ul style="list-style-type: none"><li>Selected among top candidates for an advanced Agentic AI program</li></ul>                                | 01/2026 – 03/2026<br>Riyadh, Saudi Arabia |
| <b>Saudi Digital Academy (WeCloud Data), Generative AI and LLM Systems</b> <ul style="list-style-type: none"><li>Graduated as a top performing trainee in a competitive national AI bootcamp</li></ul> | 08/2025 – 12/2025<br>Riyadh, Saudi Arabia |

### PROJECTS

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|---|-------------------|
| <b>Absher Smart Support Copilot</b><br><b>GitHub:</b> <a href="https://github.com/Suo3l/final_absher">https://github.com/Suo3l/final_absher</a> <br>Developed a Retrieval-Augmented Generation (RAG) system integrated with OCR and a FastAPI backend to support secure, multi-step user workflows. The system processes structured documents, retrieves relevant contextual knowledge, and generates accurate AI-driven responses through modular backend services and scalable API design.   | 11/2025 – 12/2025 |
| <b>Financial Market Intelligence Platform</b><br><b>Live Demo:</b> <a href="https://tadawulinsight.app/companies">https://tadawulinsight.app/companies</a> <br>Tadawul Insight is a deployed multi-agent financial intelligence platform built for the Saudi stock market. The system integrates historical price data, financial statements, and news signals through automated data pipelines to generate structured market insights and predictive signals. It is designed with a scalable backend architecture that supports multi factor analysis and real time decision workflows. | 09/2025 – 11/2025 |

### EXPERIENCE

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| <b>Beam Data, Data Science Intern (AI Systems)</b><br>Contributed to a customer data analysis project using Python and SQL, supporting data preparation and ML model validation in a simulated production setting. | 08/2025 – 12/2025<br>Riyadh, Saudi Arabia |
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### CERTIFICATIONS

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|---|--|--|
| <b>Oracle Cloud Infrastructure Generative AI</b><br>2 months - 2025 | <b>MIT Computational Thinking</b><br>2 months - 2024 | <b>MIT Introduction to Computer Science</b><br>3 months - 2022 |
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### SKILLS

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| <b>Programming &amp; Backend Engineering</b><br>Python, SQL, PostgreSQL   | <b>Deep Learning</b><br>PyTorch, Transformers, Transfer Learning, Parameter-Efficient Fine-Tuning (LoRA, QLoRA)  |
| <b>Machine Learning</b><br>Supervised & Unsupervised Learning, Tree-Based Models, SVM, Regression & Classification, Clustering, Model Evaluation & Optimization | <b>Natural Language Processing &amp; Gen AI</b><br>LLMs, RAG Architectures, Embeddings, Similarity Search, Masked Language Modeling (BERT), Prompt Engineering, AI Agents, Agentic Workflows |
| <b>Tools and Frameworks</b><br>FastAPI, LangChain, Hugging Face, FAISS (Vector Search), NumPy, Pandas, Scikit-learn, Docker, Git                                | <b>Data Engineering and Analytics</b><br>Data Pipelines, ETL Workflows, Time-Series Analysis, Data Cleaning & Preprocessing, Feature Engineering   |

### LANGUAGES

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| Arabic | English |
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