

YASIR ALOBAID

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EDUCATION

Qassim University
B.S in Computer Science

Sep 2019 — Aug 2025

EXPERIENCE

Software Developer Intern
Qassim University (QUIT)

Jun 2025 — Aug 2025

- As a Software Developer Intern at the Deanship of Information Technology at Qassim University (QUIT), I worked on the Course Scheduling Project, a platform designed to streamline the process of course registration and ranking for students.
- The project focused on developing a full-stack web application, integrating AI models via OpenAI API, and creating intelligent dashboards to visualize students' academic performance and course choices.

CERTIFICATIONS

Large Language Model Bootcamp
Sdaia

Feb 2024

Building a REST API interface using Python and Django
Tuwaiq Academy

Aug 2024

Data Analyst Bootcamp: From Basics To Advanced
Udemy

Nov 2025

Credential ID: UC-24e22533-47fd-460f-9fb2-b2defc5f6143

PROJECTS

Ticket Booking Platform | Java Spring Boot, React, PostgreSQL, Docker, AWS

- Engineered a high-concurrency reservation system designed to handle simultaneous booking requests. Solved critical **Race Conditions** by implementing **Optimistic Locking** mechanism, ensuring 100% data integrity without performance bottlenecks.
- Deployed the application using **Docker** containers on **AWS Cloud**, ensuring scalability and high availability.
- Developed a secure **REST API** backend and integrated it with a dynamic **React** frontend.

Riyadh Commercial & Metro Impact Analysis | Python, PostgreSQL, PowerBI, ETL

- Built an automated **ETL Pipeline** using Python to process and clean large datasets of Riyadh's commercial districts.
- Designed and normalized a **Relational Database Schema** in PostgreSQL to store geospatial data efficiently.
- Wrote complex SQL queries to extract insights.

SKILLS

TECHINICAL SKILLS: Exploratory Data Analysis, Data pipeline, Data Science, Web Development

Languages: Java (Core & Advanced), Python, JavaScript, SQL, HTML, CSS

Developer Tools: Docker, AWS (Elastic Beanstalk, RDS), Git/GitHub, Maven, Postman, Spring Boot, React.js