

# Yousef Almotawea | Data Engineer

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## PROFESSIONAL SUMMARY

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Passionate Computer Science graduate with solid foundations in data engineering, ETL development, and dashboard creation. Seeking a junior opportunity to contribute to data-driven solutions while continuously learning and growing.

## WORK EXPERIENCE

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### The Only Agency (Perpetual)

Riyadh, Saudi Arabia

*Data Analyst Intern*

May 2025 - Aug 2025

- Collected and cleaned social media data using Talkwalker and Sprout Social tools, analyzed KPIs to generate actionable insights, and visualized the results through an interactive Looker Studio dashboard tailored to client needs.

## PROJECT EXPERIENCE

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### IBM

Riyadh, Saudi Arabia

*Data Warehouse | Data Engineering Project*

May 2025 - Jun 2025

- Designed and implemented a PostgreSQL data warehouse using Star Schema for a waste management company, enabling advanced waste collection analytics through optimized SQL queries and materialized views.
- Tools: PostgreSQL, pgAdmin, SQL (GROUPING SETS, ROLLUP, CUBE), ETL (CSV data loading).

### IBM

Riyadh, Saudi Arabia

*AirFlow DAG | Data Engineering Project*

Feb 2025 - Mar 2025

- Developed an Apache Airflow DAG to extract, transform, and load multi-format traffic data into a staging database.
- Tools: Apache AirFlow, Python, BashOperator

### Saudi Electronic University

Riyadh, Saudi Arabia

*WellWise | Senior Project*

Feb 2024 - Dec 2024

- Contributed to a full-stack AWS-hosted web app for calorie tracking by developing the front-end UI, writing SQL queries, and planning the project using Agile methodologies.
- Tools: HTML, CSS, JavaScript, SQL, node.js, AWS.

## EDUCATION

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### Saudi Electronic University

Riyadh, Saudi Arabia

*Bachelor of Science in Computer Science*

Graduation Date: May 2025

## COURSES & CERTIFICATES

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- BI Foundations with SQL, ETL and Data Warehousing (From IBM)
- IBM Data Engineer Professional Certificate (From IBM)



## SKILLS

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- Skills:**
- o Programming: Python (Advanced), SQL (Intermediate), JavaScript (Intermediate), Java (Intermediate)
  - o Databases: MySQL, PostgreSQL, MongoDB, CassandraDB, IBM DB2
  - o Tools: Jupyter Notebook, Looker Studio, ETL Pipelines, Shell Scripting, Data Warehouse, Apache AirFlow
  - o Soft Skills: Teamwork, Adaptability, Persistence, Innovation
  - o Languages: Arabic (Native), English (Very Good)

## CONTACT INFORMATION

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-  **LinkedIn:** <https://www.linkedin.com/in/yousef-almotawea-730003238/>
-  **Portfolio:** [yousefshm.github.io/yousefshm](https://yousefshm.github.io/yousefshm)