Ibrahim Zaman

Data Engineering

Fully focused data engineering with modern data stack.

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- 🌐 Web ↗

SKILLS

`SQL` `Python` `ETL & Orchestration`

`Cloud (AWS, Azure, GCP)` `Git VCS` `CI/CD`

`Containerization (K8s, Docker, Terraform, Ansible)`

`Distributed Processing (Spark, Dask)`

PROJECTS

YouTube Analytics (Batch) ↗ (05/2025)

- Source => YouTube Data v3 using API.
- Raw Storage (Data Lake) => MinIO (S3 Compatible).
- Processing/Transformation => Pandas/Polars.
- Loading in Target System => PostgreSQL 17.
- Orchestration Tool: Dagster/Airflow.

Realtime Processing ↗ (05/2025)

- Source => Some API.
- Raw Storage (Data Lake) => MinIO (S3 Compatible).
- Processing/Transformation => Flink/Spark-Stream/ Kafka.
- Loading into Data Warehouse () => PostgreSQL 17.
- Orchestration: Airflow/Dagster (batch tools, but will work just as a switch for Batch or Realtime).

CERTIFICATES

Python (Basics) (05/2025)
Issued by Hackerank

SQL (Basics) (08/2024)
Issued by Hackerank

Problem Solving (Basics) (08/2024)
Issued by Hackerank

LANGUAGES

`Urdu (Native)` `English (Pro)`

`Arabic (Intermediate)`

EDUCATION

F.Sc (A Level Equivalent)
PGDC Hassa Balakot
4/2019 - 04/2021
Courses
- Studied Computer Science
- Combined with Physics and Mathematics

Diploma in Information Technology (DIT)
GSDC Hassa Balakot
05/2019 - 05/2020
Courses
- Fundamentals of Computer Hardware & Software.
- Basics of Programming Languages (C/C++)
- MS Office, PhotoShop and Corel Draw.

BS Accounting and Finance (BSAF)
Hazara University (Drop out)
09/2024 - 03/2025
Courses
- Studied Basics of Business and Accounting.
- Socialization and Exploring new things.

WORK EXPERIENCE

Software Engineer
DoAZ AI
01/2024 - 09/2024
Famous GenAI Startup in Seoul, South Korea.
Achievements/Tasks
- Worked on Enterprise Data for GenAI.
- Super Private Chatbot.
- Front-end Integration.
- Monitoring and Deployment of Applications.

Freelance Software Engineer
Remote
05/2022 - 4/2023
Full-Stack Development
Achievements/Tasks
- Full Stack Web Development (NextJS, NodeJS)
- GenAI ETL (Langchain, Qdrant, Langfuse etc)
- Supabase

INTERESTS

Exploring and Staying (Up to Date)

Reading Documentations   Cycling & Sports

Exploring Nature