

Khubaib Bin Ehsan

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With 3 years of experience creating data solutions, I have hands-on experience of setting up and maintaining Enterprise Reporting Suites and Data Engineering pipelines. I consider myself a **Full Stack Data Engineer** who can add value across the whole data lifecycle, from resilient engineering backends to business intelligence.

EXPERIENCE

Full Stack Data Engineer

GagaMuller Technology (Apr 2024 —)

- Architected & Led migration of disparate data engineering solutions into one scalable **Data Engineering & Warehousing** solution, with proper data modelling, end-to-end data governance, testing & **CI/CD** workflows for reliable production releases.
- Engineered a backlog and individual performance tracking solution built on top of **Azure DevOps API** to create visibility for the Product Owners, allowing them to proactively monitor their release cycles.
- Eliminated technical debt by migrating legacy reports backends to **Microsoft Fabric** for improved latency.
- Maintained standard python libraries used across our pipelines for consuming 3rd party file formats & APIs. Co-led the development of a greenfield **Enterprise Reporting Suite** for a client, allowing them to have better visibility on their data center projects spanning across continents.
- Co-led the development of a scalable **Data Product** template encompassing ETL & BI capabilities, reducing onboarding time by more than **90%**.
- Unified a fragmented mess of disparate data sources for a client into an automated Power BI ecosystem, implementing a governance dashboard that forced data integrity and replaced broken weekly manual reports with a live dashboard.
- Managed custom reporting needs for the product's (**Uconia**) clients.
- Mentored & Trained junior team members on modern data ecosystems and best practices.
- Maintained Power Apps solutions for internal use cases.

Trainee Engineer

Bestway Cement Limited (Aug 2022 — Jul 2023)

- Identified slow-moving stock through data analysis, cutting inventory costs by **20%** by clearing out stagnant items.
- Created custom dashboards for the planning team to simplify their workflow and help them make faster decisions.

SKILLS

- **BI:** Power BI, Tableau
- **Programming Languages:** Python, Go (Entry), Rust (Entry)
- **Storage & Compute:** Microsoft Fabric, Databricks, Postgres, MySQL, DuckDB
- **Orchestration & Workflows:** Spark, Docker, Airflow, Dagster, dbt (Entry)
- **Others:** Azure, UI/UX, Data Governance & Security, Power Apps, Power Automate

EDUCATION

BS Mechanical Engineering – International Islamic University Islamabad (2017 — 2021)