**Vidit Dhull, Data Engineer**

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**SUMMARY**

* **Microsoft Certified Azure Data Engineer** with **3+ years** of experience designing, building, and automating scalable batch and streaming data pipelines on **Azure/Microsoft Fabric.**
* Proven track record **optimizing data models and stored procedures (up to 40% faster queries)**, delivering **ML‑ready datasets**, and enabling insights with **Power BI** (reduced troubleshooting time from **2 months to <2 weeks**).
* Strong **Python** and **SQL** developer (**HackerRank 5‑star; 600+ LeetCode problems**) with hands-on **CI/CD**, code reviews, and agile collaboration.
* **Ranked 1st** in PG‑Diploma (Big Data Analytics) at **CDAC Bengaluru**.

**SKILLS**

* **Programming & Scripting:** Python, SQL, PySpark
* **Data Engineering Tools:** Microsoft Fabric, Eventhouse, Power BI, Azure Data Factory, CI/CD, Spark
* **Data Modeling & Warehousing:** Medallion Architecture, Star & Snowflake Schema, Stored Procedures, CTE
* **Data Processing:** Batch & Streaming Pipelines, Data Processing Automation, Log Ingestion, ETL/ELT
* **Collaboration & Version Control:** GitLab, Agile/Scrum, Code Reviews, Documentation
* **Soft Skills:** Problem Solving, Team Collaboration, Communication
* **Other:** Requirement Analysis, FinOps Awareness, Parquet/Tabular Data Formats

**EXPERIENCE**

**Data Engineer, Alstom Bengaluru March, 2023 – Present**

***Dialogs – AI-Powered Troubleshooting Platform***

* Built and optimized **data models** and stored procedures, reducing query execution time by **40%.**
* Developed scalable batch and streaming pipelines using **Python notebooks, Eventhouse, and sub-pipelines**, processing **100K+ daily events**.
* Delivered **Power BI dashboards** that reduced troubleshooting time from **2 months to under 2 weeks**.
* Conducted **code reviews** and collaborated on **pipeline architecture** to ensure **performance and maintainability.**
* Enabled seamless log transformation into parquet/tabular formats, improving **ML-readiness**.

***NSCR***

* Delivered datasets for **100+ configurations**, meeting all project milestones independently.
* Achieved 100% automation of **workflows** using Python-based logic, reducing manual effort by **70%**.
* Reviewed and **optimized 50+** scripts, improving maintainability and reducing error rates.

***Ireland***

* Automated workflow of **1,500+ signaling configurations** using internally scripted logic.
* Collaborated with design teams to troubleshoot mismatches, **reducing manual effort by 60%.**

**CERTIFICATIONS**

* Fabric Data Engineer Associate (**DP-700**), Microsoft **Sept 2025**
* Azure Data Engineer Associate (**DP-203**), Microsoft. **June 2024**
* Azure Data Fundamentals (**DP-900**), Microsoft. **April 2024**
* IBM Data Engineering Specialization, Coursera. **Oct 2023**

**EDUCATION**

PG-Diploma (Big Data Analytics), CDAC-Bangalore 82% | Ranked 1st  **Sep 2022 – Mar 2023**

B. TECH (CSE), UIET-MDU, Haryana 7.8 CGPA **July 2018 – Aug 2022**

12th Standard (Non-Medical), CBSE 81% **Apr 2016 – Mar 2017**