Iresh Agrawal

Data Engineer
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SUMMARY

Results-driven Data Engineer with **3+ years** of expertise in cloud data engineering and ETL development. Proficient in **Azure Data Factory, Databricks, SQL, PySpark** for building scalable data pipelines using Medallion architecture. Demonstrated success in optimizing data workflows, reducing processing times by up to **62.5**%, and implementing data governance frameworks. Collaborative team player experienced in translating business requirements into actionable data solutions while ensuring high performance and reliability.

SKILLS

- **Cloud Platforms:** Azure Databricks, Azure Data Factory, Azure Data Lake Gen2, Databricks Unity Catalog
- **Programming Languages:** SQL, PySpark, Scala
- **Data Engineering:** ETL/ELT Pipeline Development, Data Warehousing, Data Modelling, Data Governance
- **Performance Optimization:** Storage Optimization, Shuffle Optimization, ETL Optimization, Distributed Processing
- **DevOps & Collaboration:** CI/CD, Agile Methodologies, JIRA
- **Business Intelligence:** Microsoft Power BI, Microsoft Excel

EXPERIENCE

Associate Consultant   Gurgaon, Haryana
Capgemini   November 2023 - Present

- Optimized data pipelines using **SQL/PySpark**, improving efficiency by 40% .
- Led **Unity Catalog** migration with 98% reduction in production issues .
- Orchestrated 100+ data sources through **ADF**, cutting processing time by 50% .
- Optimized 50+ TB data migration, reducing runtime by 62.5% .
- Managed DevOps workflows, increasing deployment efficiency by 30% .
- Delivered 10+ critical projects with 100% on-time completion and zero defects **.**

Senior Analyst   Bengaluru, Karnataka
Capgemini   July 2022 - October 2023

- Resolved 95% of production issues within SLA, reducing downtime by 40% .
- Created **Power BI** dashboards improving reporting efficiency by 45%.
- Automated **ETL** processes, reducing manual intervention by 40% .
- Implemented regression testing frameworks ensuring 99.9% system stability .
- Received performance awards for innovative data engineering solutions **.**

Data Engineering Intern   Bengaluru, Karnataka
Capgemini   January 2022 - June 2022

- Created simple data pipelines in **Azure Data Factory** for structured/semi-structured data .
- Participated in code reviews and testing to ensure high-quality deliverables .
- Collaborated on troubleshooting data quality issues across environments .

EDUCATION

Bachelor of Technology in Electronics and Communication   Bhopal, Madhya Pradesh
Vellore Institute of Technology   August 2018 - September 2022

KEY ACHIEVEMENTS

Silver Star Award
Awarded Silver Star Award twice for exceptional contributions to data engineering projects and client satisfaction.

CERTIFICATION

- Microsoft Certified: Azure Data Engineer Associate (DP-203)
- Microsoft Certified: Azure Fundamentals (AZ-900)
- Databricks: Generative AI Fundamentals
- Capgemini: Jr. Data Engineer (Level 1 and 2) and Data Engineer Level 1