

Abhilash Joga

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SUMMARY

Data Engineer and BI professional with 7+ years of experience building enterprise data platforms using Microsoft Fabric, Databricks, Snowflake, Azure, SQL, and Python. Experienced in designing scalable ETL/ELT pipelines, semantic models, cloud migration, and AI-powered analytics solutions for Fortune 500 organizations including Adobe, Swire Coca-Cola, and Amazon.

EXPERIENCE

Data Engineer

Adobe

March 2026- Present, Remote

- Designed and implemented enterprise-scale ETL/ELT pipelines using Databricks, SnapLogic, SQL Server, Salesforce, Dynamics 365, and Microsoft Fabric, enabling centralized reporting and self-service analytics across multiple business teams.
- Developed Microsoft Fabric workspaces, Lakehouses, data pipelines, semantic models, and enterprise reporting solutions to support scalable analytics and governed data access.
- Built proofs of concept to migrate legacy on-premises workloads to Microsoft Fabric and Databricks, evaluating scalability, performance, architecture, and cost optimization
- Automated data integration and reporting workflows across Salesforce, Dynamics 365, Databricks, and Microsoft Fabric, reducing manual processing and improving the availability of business data.
- Developed AI-powered reporting agents and workflow automations using Claude, Codex, and Copilot to generate weekly KPI reports, executive summaries, and operational insights for enterprise stakeholders.

Business Intelligence Analyst

Swire Coca-Cola

July 2023- March 2026, Draper, Utah

- Spearheaded logistics analytics initiatives using SQL, Python and APIs to integrate and analyze Samsara, BlueJay, SAP, driving a 23% reduction in transportation costs through route optimization and improved vendor performance management.
- Built scalable data pipelines and semantic models using Snowflake, Azure Synapse, and DBT, enabling efficient processing of large logistics and sales datasets.
- Developed comprehensive KPI dashboards for supply chain and distribution teams (OTIF, Cases/Stop, Out-of-Stock %) using SQL-based transformations and Power BI, enabling leaders to make data-driven operational decisions.
- Designed interactive Power BI forecasting solutions powered by SQL queries and forecasting logic, reducing unnecessary delivery stops by 12.5% and saving millions in operational expenses
- Automated finance reporting and expense analytics using SQL, Power Automate, Power Apps, and Concur integrations, improving processing efficiency by 40% and reducing reporting errors by 60%.
- Performed advanced sales analytics, including VendSmart data analysis, churn prediction, and customer retention modeling to guide product placement and renewal strategies.

Data Engineering - Intern

Swire Coca-Cola

February 2023- July 2023, Draper, Utah

- Migrated on-prem SQL Server data to Snowflake on Azure, improving scalability and performance.
- Built and maintained ETL data pipelines using SQL, Python, and Azure Data Factory, Azure Synapse Analytics, extracting, cleaning, and transforming data to support business intelligence and enterprise reporting needs.
- Assisted in automating data integration workflows using Power Automate and SQL-based triggers, streamlining data delivery to analytics and reporting platforms.
- Collaborated with senior engineers to transition Power BI reports from on-premises to cloud-based Snowflake sources, leveraging optimized SQL models to reduce report processing times by 12%.

Last Mile Analyst

Amazon Development Centre

July 2020- August 2022, Hyderabad, India

- Improved operational efficiency across multiple distribution centers in NA and EU regions by leveraging SQL, and Amazon Redshift to analyze operational issues, identify root causes, and deliver actionable insights to Executive leadership.
- Increased delivery throughput and reduced indirect costs by evaluating labor utilization, warehouse bottlenecks, and logistics KPIs, driving data-backed process improvements.
- Led a cross-functional initiative to ingest, clean, and integrate real-time traffic data via INRIX APIs using Python, Apache Airflow, and AWS Lambda, publishing enriched datasets to analytics dashboards and mobile applications for field associates.

- Enhanced map quality and delivery accuracy by processing Rabbit Feedback data using Python, and Amazon S3, and integrating results with OpenStreetMap to support advanced route optimization models.
- Developed last-mile logistics dashboards using Amazon QuickSight and SQL, improving team performance by 20% and increasing customer satisfaction by 15%.
- Applied data science and statistical modeling with Python (pandas), analyzing structured and unstructured feedback data to uncover routing patterns achieving a 25% reduction in route inefficiencies and a 10% decrease in delivery delays.

Business Analyst
Byju's

Feb 2020- May 2020, Hyderabad, India

- Analyzed sales and call-center data using SQL and Dataverse to identify conversion patterns and improve lead performance
- Conducted price elasticity, revenue analysis and built Tableau dashboards to track funnel metrics and support data-driven decisions
- Developed Power Apps solutions integrated with Dataverse and SQL to optimize lead prioritization, call routing, and workflows.

Analyst
Concentrix

July 2018- Sept 2019, Visakhapatnam, India

- Processed paper and scanned healthcare claims at Aetna using NLP, Neural Language Models (NLM), SQL, and Python to extract, classify, and validate unstructured and semi-structured claim data at scale.
- Built analytical dashboards and reports for Aetna Healthcare using SQL and BI tools, analyzing customer behavior across regions, age groups, and disease categories to support targeted, data-driven business decisions.
- Conducted price elasticity and premium impact analyses using SQL and Python, helping prevent revenue leakage, improve customer retention, and optimize healthcare pricing strategies.
- Designed and maintained automation workflows for claims processing using rule-based frameworks and complexity scoring, significantly reducing manual review effort and operational bottlenecks.
- Leveraged SQL to handle missing data, perform advanced analytics, and support large-scale healthcare operational strategies across enterprise claim datasets.

SKILLS

- **Languages:** SQL, Python
- **Cloud:** Azure, Microsoft Fabric, Snowflake
- **Data Engineering:** Databricks, DBT, Airflow, Synapse
- **BI:** Power BI, Tableau
- **Automation:** Power Apps, Power Automate
- **Business Systems:** SAP, Salesforce, Dynamics 365

Key Projects

- **Microsoft Fabric Migration** – Migrated legacy workloads to Fabric Lakehouse and semantic models.
- **AI Reporting Agent** – Built Claude/Copilot-powered KPI reporting automation.
- **Transportation Optimization Dashboard** – Reduced transportation costs by 23%.
- **Delivery Standardization Scorecard** – Forecasting and operational analytics solution for logistics.

EDUCATION

Master of Science, Information Systems
University of Utah • Salt Lake City, UT • 2023

Post Graduate Diploma, Project & Supply Chain Management
Narsee Monjee Institute of Management Studies (NMIMS) • Mumbai, India • 2022

Bachelor of Technology, Electrical & Electronics
MVGR College of Engineering • Visakhapatnam, India • 2018

CERTIFICATIONS

Fabric Data Engineer Associate	Microsoft • 2025
ITIL® Foundation Certificate in IT Service Management	PeopleCert • 2025
Power BI Data Analyst Associate	Microsoft • 2023
Azure Database Administrator Associate	Microsoft • 2023