

# PRASHANT GANGOLIYA

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## SUMMARY

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Azure Data Engineer/ Data Analyst with expertise in data ingestion, data manipulation and data visualization having 6+ years of IT experience.

## TECHNICAL SKILLS

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- **Data Engineering Tools:** Azure Databricks, Azure Data Factory, dbt
- **Generative AI Tools:** Agentic AI, RAG, Vector DB, Embeddings
- **Reporting Tools:** Microsoft Power BI
- **Languages:** Python, SQL, PySpark, DAX
- **Developer Tools:** Azure Cloud Platform, GitHub, VS Code, Microsoft SSMS, Tabular Editor, Azure Devops
- **Database:** Microsoft SQL Server, Azure SQL, Presto DB, Synapse SQL, PostgreSQL

## EXPERIENCE

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### Senior Consultant | Xebia

March 2026 – Present

- **Architected a Databricks Medallion framework**, increasing data processing throughput by 40% through optimized multi-tier staging
- **Led Technical Recruitment** for the Data Engineering vertical, conducting 10+ technical interviews to standardize talent benchmarks
- **Spearheaded Pipeline Optimization** by architectural strategy and optimized PySpark pipelines, reducing monthly cloud infrastructure costs by 20%

### Lead Data Engineer | Genpact

June 2024 – March 2026

- **Pioneered the expansion of the data engineering** function from a solo role to a high-performing team, architecting foundational development workflows and best practices
- **Led and mentored a team of engineers** to achieve 50% gain in labour efficiency by optimizing task distribution and project management to ensure the seamless delivery of enterprise-scale data pipelines
- **Delivered three end-to-end data engineering projects** (TPM, Credit Engine and PBM) within a 12-month period while providing ongoing support for 2 existing products

### Associate | PWC

May 2022 – June 2024

- **Engineered robust pipelines using Azure Data Factory** with historical and incremental data setup, saving the company up to 50% storage cost
- **Revamped optimized data manipulation notebooks using Azure Databricks**, leading to 33% reduction in time utilized to manipulate data as per client requirement
- **Consolidated reports and dashboards** using Microsoft Power BI including important KPIs to indicate the company growth for higher management, saving them valuable time

### Systems Engineer | TCS

January 2020 – May 2022

- **Created custom KPIs** using Microsoft Power BI, saving company analysis cost by up to 30%
- **Orchestrated establishment of medallion architecture** for data flow using Azure Databricks to help provide clean data for efficient analysis

## PROJECTS

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### Data Engineering & Analysis Project | Client: Global Brewing & FMCG Beverage Company

**Tech Stack:** Databricks, ADLS, Databricks Workflows, Azure Synapse, Python, dbt, Jira, Azure DevOps

- **Engineered three end-to-end data projects** (TPM, Credit Engine, PBM) within a year, while supporting a further two existing TCS products with zero critical incidents logged.
- **Architected multi-source data ingestion pipelines** from Unity Catalog, ADLS, and Azure Synapse using a Medallion Architecture (Bronze, Silver, Gold) to populate mission-critical data marts
- **Optimized pipeline execution and resource allocation**, resulting in a 60% reduction in operational run costs for the client
- **Integrating GenAI and Agentic AI frameworks** into existing workflows, leveraging Retrieval-Augmented Generation (RAG) to enhance data accessibility and automated decision-making

### Data Engineering Project | Client: PepsiCo

**Tech Stack:** Azure Databricks, Azure Data Factory, Python, SQL, PySpark

- **Developed pipelines and migrated data** end to end, from various sources to data cleaning to data visualization
- **Integrated pipelines with Databricks** notebook to manipulate data using variables, saving cost and time for the client
- **Developed connections** between various Azure resources like **Azure Databricks, Azure Data Factory, Azure Data Lake Storage Gen2, Azure Key Vault, Azure Active Directory, Microsoft Power BI**
- **Architected Stored Procedures** using T-SQL for usage in **chatbots using APIs**

### Data Engineering/ Analysis Project | Client: PepsiCo

**Tech Stack:** Azure Databricks, Azure Data Factory, Python, SQL, PySpark

- **Created robust ETL pipelines** for Azure data storage, reducing processing time by 20%
- **Led successful data migrations** to Azure, reducing downtime by 15%
- **Collaborated with clients to tailor data solutions**, increasing satisfaction by 25%

### Data Engineering Project | Client: Tesco

**Tech Stack:** Azure Databricks, Azure Data Factory, Azure Analysis Services, ADLS Gen2, Azure AD

- **Automated data extraction, transformation, and loading processes** in Azure, optimizing efficiency by 25%
- **Utilized Azure services for seamless data integration**, resulting in a 30% reduction in manual effort
- **Orchestrated data workflows** in Azure Data Factory, enhancing reliability and scalability by 20%

### Data Analysis Project | Client: Bio-Pharma

**Tech Stack:** Microsoft Power BI, SQL, DAX

- **Identified and designed robust KPIs**, indicating useful metrics to be used for decision making process
- Used various **visualizations** including heatmap, scatterplot, etc. to help indicate outliers and trending product categories

## EDUCATION

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- **RGPV University, Bhopal** | Bachelor of Engineering, Computer Science and Engineering | CGPA: 7.46 | July 2015 – June 2019

## CERTIFICATIONS

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- **Databricks Certified Data Engineer Associate** | September 2025
- **Microsoft Azure Fundamentals** | AZ-900 | January 2023
- **Microsoft Data Analyst Associate** | DA-100 | January 2021 – January 2022
- **Google Data Analytics Professional Certificate** | June 2021

## AWARDS

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- **PWC Star&R Award** – Appreciation for exceptional quality of deliverables | December 2022
- **TCS Gems Award** – Appreciation for great performance | December 2021