# GANESH S

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## OBJECTIVE

Aspiring Data Engineer with experience in Python, SQL, ETL (Informatica), and cloud platforms (AWS & Azure). Hands-on exposure to Tableau and performance testing, with active upskilling in Azure Data Engineering to design scalable data pipelines and analytics solutions. Seeking a challenging role to apply and expand technical expertise in data-driven projects.

## EXPERIENCE

### ASSISTANT SYSTEM ENGINEER

Tata Consultancy Services                                     Bangalore – October 2024 - Present

- Developed SQL queries for data extraction, joins, aggregations, and reporting to support **analytics and testing activities**.
- Explored **ETL workflows** in **Informatica PowerCenter** for sample data migration and transformation scenarios.
- Created **dashboards** in **Tableau** to analyze sales and operational datasets for business insights during practice sessions.
- Gained hands-on exposure to **Azure cloud services** (**Data Factory pipelines, Blob Storage, Synapse basics**) and **AWS** (**IAM, EC2, S3, EBS**) through learning projects.
- Experimented with **data engineering concepts** such as **Azure Databricks (PySpark)**, **Delta tables**, and **DevOps basics (Docker, CI/CD pipelines)**.
- Built sample **end-to-end pipelines**: ingestion from **CSV files** → processed using **PySpark in Databricks** → loaded into **Azure Synapse** → visualized in **Power BI**.

## TECHINICAL STRENGTHS

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|---|---|
| **Programming & Data Handling** | Python, SQL |
| **Data Engineering & Integration** | Azure Data Factory (pipelines, ingestion), Azure Databricks, Azure Synapse, Informatica PowerCenter (ETL workflows, transformations) |
| **Cloud Platforms** | Microsoft Azure, AWS (IAM, EC2, S3, EBS, DynamoDB) |
| **Data Visualization & Analytics** | Tableau, Power BI (basics) |
| **DevOps & Tools** | Docker |
| **Testing & Automation** | JMeter (performance testing), Postman, Selenium |
| **Operating Systems & Administration** | Linux, Windows, macOS, Microsoft Intune |

## PROJECTS

End-to-End Data Pipeline on Azure (Currently working)

- Designed a data pipeline using **Azure Data Factory** to ingest CSV files from **Azure Blob Storage**.
- Processed and transformed data using **Azure Databricks (PySpark)**, including filtering, aggregations, and joins.
- Loaded the transformed data into **Azure Synapse Analytics** for querying and reporting.
- Created a simple **Tableau dashboard** to visualize processed insights.

Sales Data Analysis using Tableau

- Analyzed a Superstore sales dataset containing order date, ship date, category, customer ID, customer name, and sales details.
- Explored visualization techniques such as charts, filters, and basic calculations to identify trends and key metrics.
- Created interactive dashboards to present insights in a structured, easy-to-understand format

## EDUCATION

**Bachelor of Engineering and Technology**

P. A. College of Engineering and Technology, Pollachi **CGPA - 8.88**                    2021 - 2024

**DEEE**

Nachimuthu Polytechnic College, Pollachi **Percentage - 84**                    2017 - 2020

**SSLC**

Government High School **Percentage - 91**                    2017

## CERTIFICATIONS AND COURSES

- AWS Certified Cloud Practitioner (CLF-C02).
- Completed a course on Python programming.
- Completed basics of SQL.
- Completed a course on Linux Fundamentals.
- Completed basics of Web development.
- Completed a course on Tableau.

## HOBBIES

Cooking, Traveling