

# VAIBHAV GUPTA

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Data Engineer with over two plus years of experience in designing, developing, and optimizing data pipelines and systems. Proficient in SQL, Python, Azure Synapse, and data warehousing, with a track record of improving data processing efficiency and accessibility. Adept at creating automation solutions and interactive dashboards to support business needs.

## PROFESSIONAL EXPERIENCE

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Tata Consultancy Services

Pune, MH, IN

**Azure Data Engineer**

OCT 2024 – Present

- Responsible for ingesting datasets into various product tables and transforming as per business needs using SQL, ADF and Fabric.

Cognizant Technology Solutions

Pune, MH, IN

**Azure Data Engineer**

MAY 2022 - SEPT 2024

- Implemented data pipelines to ingest data from over 4+ sources and transforming it to meet business needs.
- Developed a file segregation system using PowerShell, automating the sorting and organizing of files by name, reducing human effort by 70% and error rates by 98%.
- Created a PowerShell-based solution to back up Smartsheet sheets and upload them to an SFTP container, reducing manual effort by 95%.
- Designed a File Monitoring Alert System using SQL and Azure Synapse to generate alert notifications based on business needs, reducing manual effort by 80%.

## INTERNSHIPS AND TRAININGS

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Cognizant Technology Solutions

Remote

**Entry Level Trainee**

JAN 2022 - MAY 2022

- Worked in the Database Technology domain, learning to create and query databases with SQL, and gaining knowledge of Data Warehousing and ETL processes.
- Built a 'Credit Card Management System' project using Teradata SQL and performed data analysis to solve business problems.
- Acquired skills in Python, AWS Cloud, and Snowflake, a cloud-based data platform, during this internship.

## SKILLS & CERTIFICATIONS

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Skills: SQL, Azure Synapse Analytics, Azure Data Factory, ADLS, Data Warehousing, ETL concepts, PowerShell, Git & GitHub

Certifications:

- Databricks Certified Data Engineer Associate
- Microsoft Certified Azure Data Engineer Associate (DP 203)
- Microsoft Certified Azure Data Fundamentals (DP 900)
- Microsoft Certified Azure Fundamentals (AZ 900)

## EDUCATION

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Bhilai Institute of Technology

Durg, CG, IN

**Bachelor of Technology**

- Branch: Electronics and Telecommunication Engineering
- CPI: 9.5