

Sushil Borude

10731384

Data Engineer

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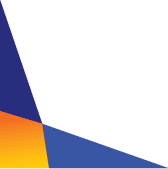
# Experience Summary

* Overall 1+ years of experience in IT industry
* Previously worked as Data Engineer in Schindler
* Completed training in Azure technologies with knowledge of MySQL, PySpark, Hadoop, Bigdata, Git/GitHub, Azure Technologies, Microsoft Azure. Ready to learn new Skills/Technologies as per project requirement.

# Skills Summary

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| Domain | Manufacturing |  |
| Programming Languages | SQL, Python |  |
| Operating System | Windows |  |
| **Tools / DB / Packages / Framework /**  **ERP Components** | Azure data Factory, Azure data bricks, Azure, Jira, Azure devops. | SSMS, |





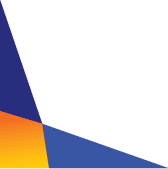
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| Educational Qualification |  |
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| Education | Bachelor of Engineering in Mechanical Engineering in 2022 from Sinhgad College of Engineering Pune. |

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| Project Details |  | | |
| Project Name | |  | | --- | | Schindler SSOT (Single Source of Truth) | |  | | Team Size | 8 |
| Start Date | 8 January, 2024 | End Date | 31 December 2024 |
| company | LTIMindtree | Designation | Azure developer |
| Project  Description | Schindler Ltd., a Swiss multinational company, specializes in manufacturing escalators, moving walkways, and elevators for global markets. The company produces, installs, maintains, and modernizes elevators and escalators for a variety of buildings, including residential, commercial, and high-rise structures. The primary business objective is to create a single, consolidated data warehouse that integrates multiple worker data sources. This data warehouse will be structured and validated to enable easy and efficient access to information. | | |

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| Role &  Contribution | * Performed solutioning, designing and development of cyber security data ETL using ADF, ADB, Azure Synapse DW. Manual data load mechanism converted to automated ETL with minimal manual interventions * Designed and developed frameworks for data ingestion, data processing, and data transformation. * Conducted business analysis and developed ETL/ELT code and scripts to meet technical specifications and business requirements. * Solution Designing for Data Engineering with Fabric Migration involving Lakehouse, Warehouse, Fabric Data Pipelines, Security Governance Setup. * Implementation of Data Sharing for Data Democratization (using Shortcuts), benchmarking of Cost and Performance * Developed Spark Notebooks in Microsoft Fabric to perform data transformations. * Created Fabric data pipelines and scheduled them for daily data processing tasks. * Developed Azure Databricks (ADB) notebooks using PySpark and Spark-SQL for data transformation and aggregation from multiple sources. * Created and managed Delta Lake tables and implemented data loading processes using PySpark notebooks. * Designed Azure Data Factory (ADF) pipelines to extract data from OData and SharePoint into the Azure Cloud environment. * Wrote PySpark scripts to transform and load data from the staging layer to the curated layer. • Developed a generic and reusable framework to handle Slowly Changing Dimensions (SCD Types 1 & 2) and fact tables. * Successfully resolved performance issues by identifying and addressing root causes. * Assisted developers in analysing code and resolving issues effectively and promptly. |
| Technology & Tools | Azure Data Bricks, Azure Synapse (DW), Azure Data Factory, Microsoft Fabric |

# Graduate Engineer Trainee





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| **Capstone Project** |  | | |
| **Project Name** | Optimizing Aviation Insights for analyzing flight delays, flight cancellations and flight diversions. | **Team Size** | 6 |
| **Start Date** | November-2023 | **End Date** | December-2023 |
| **Project Description** | • This Project provided a comprehensive understanding of the factors contributing to flight delays, we have Developed and implemented MS Azure pipeline which enhanced the overall efficiency of the air transportation system. | | |
| **Role & Contribution** | * Involved in Preparation of project conditions. * Worked on Data Integration Part. * Created a meaningful data set by using Azure Databricks. | | |
| **Technology & Tools** | Git/GitHub, Pyspark, MySQL, Azure Databricks, Azure Data Factory. | | |