

Tushar Ravindra Shimpi

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Professional Summary

Aspiring Data Engineer with internship experience in building ETL pipelines, data integration, and cloud-based workflows. Skilled in Python, SQL, Azure Data Factory, and PySpark, with hands-on exposure to data modeling, big data file formats (Parquet, Avro, CSV), and automation of data pipelines. Strong problem-solving ability, eager to contribute to data-driven solutions and large-scale analytics projects.

Technical Skills

Programming & Scripting: Python, SQL, Java

Databases: MySQL, SQL Server

Data Engineering & Big Data: Azure Data Factory, Databricks, PySpark, AWS (Basics), ETL Workflows, Data Modeling

File Formats: CSV, Parquet, Avro

Version Control & Tools: Git/GitHub, VS Code, Eclipse, Oracle, XAMPP

Internship Experience

Data Engineering Intern – Celebal Technologies (2025)

- Built and optimized ETL workflows using Python and Azure Data Factory.
- Automated pipeline scheduling and monitoring, reducing manual intervention.
- Migrated data across heterogeneous sources including CSV, Parquet, and Avro.
- Integrated PySpark on Databricks for advanced data transformations and analytics.
- Gained practical exposure to data modeling, cloud pipelines, and workflow orchestration.

Java Full Stack Intern – R3Sys Pvt Ltd (2024)

- Developed backend solutions using Core Java, Advanced Java, and MySQL.
- Built web applications with JSP, Servlets, and JDBC.
- Strengthened fundamentals in OOP, database connectivity, and debugging.

Projects

Automated Data Workflows (Azure Data Factory + PySpark)

- Designed and implemented parameterized ETL pipelines in Azure Data Factory.
- Enabled automated incremental and full data loads.
- Integrated Databricks with PySpark for data cleaning and advanced analytics.

Conditional Data Pipeline Orchestration (Azure Data Factory) -[Github](#)

- Built a parameterized ETL pipeline to copy customer data from MySQL to ADLS only when record count exceeded thresholds.
- Configured self-hosted Integration Runtime and implemented conditional logic.

Education

R. C. Patel Institute of Technology, Shirpur (2022–2026)

B.Tech in Electronics and Telecommunication | Current CGPA: 7.54

DR PR Ghogre College, Shirpur – HSC, 2022 | 87.83%

Saraswati Madhyamik Vidyalay, Shirpur – SSC, 2020 | 84.40%

Certifications & Achievements

- **Zensar ESD Training:** Core Java, JDBC, Python (real-time coding practices).
- **CodeCraze Hackathon Winner (National Level, 2024).**
- **Participation:** Smart India Hackathon (2024).

Languages

English | Hindi | Marathi