

Shubham Laxmikant Miskin

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[LinkedIn Profile](#) — [GitHub Profile](#)

PROFILE

Third-year B.Tech student in Artificial Intelligence and Data Science specializing in Data Engineering. Hands-on experience in Python, Apache Spark, and Microsoft Azure. Proficient in the Azure ecosystem (Data Factory, Synapse, Databricks) and Medallion Architecture, with a strong interest in designing fault-tolerant data solutions and automating workflows to derive actionable insights.

TECHNICAL SKILLS

- **Cloud & Big Data:** Microsoft Azure (Data Factory, Data Lake Gen2, Databricks), Apache Spark, Delta Lake.
- **Programming:** Python (PySpark, Pandas, NumPy), Spark SQL.
- **Data Engineering:** ETL/ELT Pipeline Design, Data Modeling (Star/Snowflake Schema), Data Warehousing.
- **Tools & Visualization:** Databricks, Git/GitHub.

EXPERIENCE

Software Engineering Intern

Jan 2026 – Feb 2026

RNDS ERP Solutions Pvt. Ltd., Solapur

- Worked on **ERP software systems**, gaining exposure to enterprise application workflows and business processes.
- Supported backend development using **SQL** for data handling and basic automation tasks.
- Collaborated with the development team to analyze **business requirements** and deliver technical solutions.

PROJECTS

End-to-End Azure Data Engineering Project — Formula 1 Data Pipeline

Azure, Databricks, Spark

- **Architected a Lakehouse solution** on Azure using the **Medallion Architecture** (Bronze, Silver, Gold), utilizing **ADLS Gen2** for storage and **Delta Lake** for ACID compliance.
- **Developed modular ETL pipelines** using **Azure Databricks (PySpark)** to ingest raw JSON/CSV data, perform schema enforcement, and normalize data into analytics-ready Fact and Dimension tables.
- **Orchestrated workflows** via **Azure Data Factory (ADF)**, implementing **incremental data loading** strategies using dynamic partition overwrites to optimize storage and query performance.

EDUCATION

B.Tech in Artificial Intelligence and Data Science

2023 – 2027

Shivaji University, Kolhapur, Maharashtra

Higher Secondary Education

2023

D.B.F. Dayanand College of Arts & Science, Solapur, Maharashtra

CERTIFICATIONS

- **SQL (Advanced)** – HackerRank
- **Python for Data Science, AI Development** – IBM
- **Python Projects for Data Engineer** – IBM