## RUTUJA CHINCHGHARE

### DATA ENGINEER

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## SUMMARY

Results-driven Data Engineer with proven expertise in building scalable data pipelines, real-time streaming solutions, and cloud-based architectures using Microsoft Fabric and Azure. Skilled in ETL/ELT, Data Warehousing, Data Modeling, and Analytics with hands-on experience in ADF, PySpark, SQL, and Power BI. Adept at optimizing data workflows, enabling real-time insights, and collaborating across teams to deliver measurable business impact.

## TECHNICAL SKILLS

- Languages & Tools: Python, PySpark, SQL, Java
- Cloud & Platforms: Microsoft Fabric, Azure, Azure Synapse, Azure Data Lake, Azure DevOps
- ETL & Pipelines: Azure Data Factory (ADF), Real-time Data Streaming, Event Hub, Data Activator, CI/CD
- Data Engineering: Data Warehousing, Data Modeling, Batch Processing, Streaming Analytics
- Other Tools: Git, Power BI (Basic), Databricks (Familiar)

## PROFESSIONAL EXPERIENCE

### Data Engineer
**LTI Mindtree – Pune, India |** Dec 2024 – Present
**Project:ORGS**

- Automated the creation of workspaces, lakehouses, and warehouses using Microsoft Fabric REST APIs, enabling scalable and consistent data infrastructure setup.
- Designed and implemented API-driven workflows to provision secure Fabric workspaces with role-based access control, improving governance and compliance.
- Developed reusable scripts and workflows to streamline environment creation, reducing manual effort by 40%.
- Partnered with cross-functional teams to align data infrastructure with data architecture and security standards.

**Project:Azure CoE**

- Led Microsoft Fabric implementation in Azure CoE to enhance cloud infrastructure and data management.
- Conducted POCs and developed use cases for Fabric, including data pipelines, real-time streaming, data warehousing, and advanced analytics.
- Built end-to-end solutions with Azure Data Factory, Event Hub, Synapse, and Fabric Lakehouse to deliver secure, high-performance data flows.
- Collaborated with architects and stakeholders to define Azure environmental configurations, ensuring alignment with compliance standards.
- Documented performance improvements, cost savings, and benefits, presenting evidence to stakeholders.

## PROJECTS

### Safety Sphere (Microsoft Fabric Hackathon):

- Built a real-time location tracking system to monitor user activities and provide live alerts.
- Implemented geofencing to define safe/unsafe zones for different users, enhancing security.
- Designed real-time streaming pipelines using Azure Event Hub, KQL, and Power BI dashboards for interactive reporting.
- Leveraged Fabric Lakehouse, Event Stream, KQL DB, and Data Activator to deliver end-to-end streaming infrastructure.

## EDUCATION

### Bachelor of Electronics and Telecommunication Engineering Sinhgad

**College of Engineering, Pune University**                                    **June 2018 - May 2022**

- Developed a hardware system known as smart gloves for specially abled people as part of a team

  project in the engineering course.