Lavan Sajjan

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Professional Summary

Aspiring **Data Engineer / Data Analyst** with 2.5+ years of experience in ETL pipeline design, cloud data solutions, and analytics across enterprise and supply chain systems. Skilled in SQL, Python, Snowflake, Azure Synapse, and ADF, with experience optimizing query performance by up to 80% and enabling scalable cloud migrations. Collaborates effectively with cross-functional teams and eager to grow under mentorship while contributing to high-impact projects.

Skills

- **Data Engineering & Cloud**: Azure Synapse, Snowflake, ADF, Azure SQL, SQL Server, SSIS
- **Programming & Querying**: SQL (T-SQL, PL/SQL), Python (Pandas for data wrangling, PySpark for distributed processing, pyodbc for DB connectivity, workflow automation)
- **ETL & Data Integration**: ETL/ELT Pipeline Design, Data Cleansing & Validation, ERP–WMS Integration
- **Performance & BI**: Query Optimization, Indexing, Stored Procedures, Power BI, SSRS
- **Soft Skills**: Team collaboration, cross-functional communication, mentorship readiness

Professional Experience

Trainee Consultant (Analytics Focus)   Esoft Labs Pvt Ltd, Hyderabad
Jun 2023 – Oct 2024

- Built ETL workflows in ADF & SSIS, migrating multi-terabyte datasets into Azure Synapse for scalable analytics.
- Optimized T-SQL/PL-SQL queries, improving reporting speed by 30% and enabling high-availability BI dashboards.
- Designed analytical data marts and stored procedures, supporting business reporting for multiple units.
- Implemented data integrity checks, reconciling ERP and logistics systems for a single source of truth.
- Mentored junior team members on SQL optimization and ETL best practices.

Full Stack Developer (Data Engineering Focus)   SocialTek AI ML Business Solutions, Hyderabad
Jan 2022 – Jan 2023

- Enhanced SQL queries and indexing, reducing report load times by 20%.
- Automated data cleansing and ingestion routines using Python (Pandas), improving data reliability.
- Supported data lake onboarding and streamlined reporting workflows, reducing time-to-market for new reports by 15%.

- Collaborated with BI team to implement secure and accurate reporting pipelines.

Full Stack Developer Intern (Database Focus)   SocialTek AI ML Business Solutions, Hyderabad
Jun 2021 – Dec 2021
- Contributed to SQL Server schema design and stored procedure development for a high-volume retail client, ensuring accurate daily sales reporting.
- Assisted with ETL tasks and documentation, supporting delivery of client-ready reporting systems.

Key Projects & Achievements

- **Supply Chain Data Modeling**: Designed relational schemas to track KPIs for order processing and consolidation.
- **Cloud Migration**: Built ADF pipelines to ingest inbound, shipment, and inventory data into Azure Synapse.
- **Query Optimization**: Refactored reporting queries, improving dashboard performance by 80%.
- **Data Governance**: Developed validation routines ensuring entity-level accuracy across ERP–WMS systems.

Education

B.Tech in Computer Science and Engineering
Sreyas Institute of Engineering and Technology, Hyderabad