



Preet Sharma

Data Engineer

Dynamic ETL Engineer and Data Engineer with over 2 years of experience leading a team at Tata Consultancy Services. Expertise in optimizing data pipelines and automating ETL processes, achieving a 90-95% reduction in execution time. Proficient in DDL/DML SQL queries, cloud migration to AWS, and building reports with high impact for production environments. Known for strong client relations, effective communication, and innovative problem-solving.



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SKILLS

Data Analysis

ETL and ETL Tools:
Pentaho Data
Integration

Databases: Oracle,
MySQL

MS Office: Microsoft
Excel

Programing Language:
Java, Python (numPy,
pandas)

Programming Standards:
UTF Standard, PEP

Cloud Computing: AWS,
GCP

Tableau

Development: Spring
Boot, Maven,
SourceTree, Rest API,
SOAP API, Sonar

Instana

Python Concepts:
Iterator, Decorator,
Generator,
Multithreading

Agile Methodology

WORK EXPERIENCE

Technical Lead – ETL Engineer & Data Engineer Tata Consultancy Services Pvt. Ltd.

01/2022 - 06/2024

Achievements/Tasks

- Led a team to optimize data pipelines, reducing 3/4th of execution time through automation and process improvements.
- Delivered over 25 high-quality ETL reports in the last year, providing actionable insights that improved decision-making for client.
- Successfully migrated project infrastructure from VM to AWS Cloud, improving system scalability and reducing operational costs.
- Automated several manual workflows using stored procedures and SQL views, improving operational efficiency by 80%.
- Collaborated with clients to understand business requirements and delivered customized data solutions, enhancing client satisfaction and retention.
- Improved data quality and processing speed by optimizing existing data pipelines, reducing errors by 50%.
- Automated data filtering and calculations using Python scripts, enhancing local data processing efficiency.

Entry-Level Software Developer – Spring Boot & API Development Tata Consultancy Services Pvt. Ltd.

07/2024 - Present

Gandhinagar

Achievements/Tasks

- Developed microservices and APIs using Spring Boot, contributing to key integration project
- Collaborated with cross-functional teams to deliver solutions that enhanced service performance and uptime.

EDUCATION

Bachelor's of Engineering M.B.M. Engineering College

06/2017 - 06/2021

Jodhpur, 7.5 CGPA

Courses

- Electronics and Computers

12th RBSE R.R. Public Sr. Sec. School

2015 - 2016

Jodhpur, 79%

Courses

- PCM

ACHIEVEMENTS

Awarded with Applause Award in TCS

Awarded with Contextual Master in TCS

Contextual Master is a unique TCS community that shares inspiring stories to motivate and guide employees within the organization. Their experiences serve as valuable lessons, shaping a culture of growth and leadership.