

Education

Chandigarh University

Bachelor of Science in Computer Science

2021 – 2025

CGPA - 7.8

Narayana Junior College

MPC

2019 – 2021

Percentage - 97

Experience

Zillion Technologies

Software Engineer Intern

May 2025 – Present

Hyderabad

- Worked on Python use cases during training, where I applied core concepts to solve practical problems and build small-scale solutions for the team.
- Underwent hands-on training in Azure Cloud, PySpark, and Databricks, gaining exposure to cloud services, big data processing, and data engineering workflows.
- Collaborated with the team on an ELT task in Databricks, contributing to the processing and transformation of JSON data files into a structured format for analysis.

Projects

Data Warehouse Pipeline | *TSQL, Azure Data Studio, Docker, Tableau*

- Designed the Bronze layer to ingest and organize raw CRM and ERP datasets, while implementing ETL tracking and error handling to ensure reliable data loads.
- Built the Silver layer by applying data cleaning, standardization, and validation techniques to improve data quality and consistency across multiple sources.
- Modeled the Gold layer using a star schema, integrating CRM and ERP data into unified views for customers, products, and sales to support business analytics.
- Built Tableau visualizations on top of the Gold layer to practice building dashboards and gain hands-on experience in analytics.

SkyScribbler | *Postgres, Firebase, React, Framer, NodeJs, Supabase*

- Developing an airline review platform that allows users to browse flight experiences.
- Integrated Firebase for secure user authentication and PostgreSQL for efficient SQL-based CRUD operations, gaining hands-on experience in database management.
- Deep dived into databases, designed the logic for relationships between tables, and hosted the database on a cloud platform (Supabase) with high availability.

Walmart ETL | *Postgres, Pandas, Tableau*

- Extracted customer sales data from Kaggle via API, and performed data cleaning and transformation using Pandas.
- Designed and implemented a pipeline to load processed data into PostgreSQL, created views, and optimized queries for analysis.
- Developed interactive dashboards in Tableau Public leveraging PostgreSQL views to visualize sales trends and customer insights.

Skills

Technical Skills: OOP, DBMS, C++, Python, Java, Azure, SQL, PostgreSQL, Linux, Git/Github, Databricks, Tableau, Pyspark, Docker

Interpersonal Skills: Clear Communication, Continuous Learning, Leadership, Innovative, Adaptability

Certifications

- [Azure Certification \(AZ-900\)](#)
- [Azure Data Fundamentals Certification \(DP-900\)](#)
- [Probability and Statistics from IIT Kharagpur](#)
- [Discrete Maths from IIT Ropar](#)
- [SQL Bootcamp from Udemy](#)