

V DEVI SIVA PRABHAVATHI

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<https://github.com/V-Devi/portfolio1>

Portfolio

SUMMARY

I am a PL/SQL Developer with hands-on experience in writing and optimizing complex SQL queries, stored procedures, functions, and triggers to manage and process large datasets. I have strong skills in PL/SQL, SQL, and Excel, which help me ensure data accuracy and performance. I also have experience using Power BI and Power Query to analyze and visualize data, supporting better business decisions. My background combines technical database development with data analysis and reporting.

TECHNICAL SKILLS

Languages : PLSQL, SQL, Power BI, Dax, Python

Data Analytics & Visualization Tools : Power BI, Microsoft Excel, Power Query, DBeaver, Visual Studio, PowerPoint, Amazon Redshift, AWS Athena, AWS S3, Prefect

Frameworks: Pandas, Numpy

Technologies & Platforms: GitHub, Visual Studio, Gen AI, Power BI with AI, SQL with AI, PowerPoint with AI, GIT

WORK EXPERIENCE

Tata Consultancy Services - Database Developer & Data Analyst

Oct 2023 - Present

- Utilized **PLSQL programming** to design and maintain high-performance **Stored Procedures in Amazon Redshift, Functions, and Triggers in Prefect, improving data** extraction, transformation, and loading (ETL) workflows.
- Ensured **data accuracy and integrity** by implementing validation, including **duplicate checks, mismatch resolution**, and outlier analysis.
- Developed end-to-end **Power BI dashboards**, transforming business requirements into dynamic, **interactive visual** reports using **Power Query** and **DAX expressions**.
- Executed **data cleaning, transformation, and Joins** using **Power Query**, enhancing the quality of **reports and analytics**.
- Applied **performance-tuning** methods to **optimize SQL queries** and **reducing report load time**
- Collaborated with cross-functional teams to deliver **data-driven insights** that supported **strategic decisions** in marketing, sales, and operations.

PROJECTS

Business Insights | SQL, Power BI, Power Query, Dax

- This dashboard provides overview of Sri Lakshmi General Store's total sales, customer activity, product **categories**, and **purchase trends**. Visualizations highlight **customer loyalty, category-wise sales, and product performance** to support quick business insights and inventory decisions.

Chocolate Sales | Excel, Power BI, Power Query, Dax

- This dashboard summarizes monthly chocolate sales performance, **displaying total sales, costs, profit margin, shipments, and salesperson achievements**. Interactive charts and metrics provide a quick view of trends, shipment analysis, and team contributions for data-driven decision-making.

HR Dashboard| Excel, Power BI, Power Query, Dax

- Designed and developed an interactive HR dashboard using Power BI to track and analyze key human resource metrics such as **headcount, attrition rate, gender diversity, employee tenure and department-wise distribution**,

EDUCATION

Sir CR Reddy College Of Engineering

June 2019 - May 2023

Bachelors of Technology - CGPA: 7.6

ADDITIONAL INFORMATION

- Languages:** English, Telugu, Hindi
- Certifications:** Power BI Certificate, Prompt Engineering Certificate, ChatGPT API Certificate
- Awards/Activities:** Received the "On the spot" Award for outstanding contributions to project innovation and immediate solutions provided at critical situations in project.