Purva Margaj

Database Developer

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PROFILE

Experienced Database Developer with 2.7 years of expertise in Microsoft SQL Server. Proficient in T-SQL, database design, query optimization, and ETL processes using SSIS. Skilled in data management, indexing, functions, triggers, and backup/recovery strategies. Competent in PostgreSQL management via PG Admin and familiar with Python basics and data analysis libraries.

PROFESSIONAL EXPERIENCE

SQL Developer   01/2022 – present | Mumbai, India
Fin rise Softech Pvt. ltd.
- Designed and optimized database structures for efficient data storage and retrieval.
- Wrote and optimized SQL queries to analyze live trading data.
- Collaborated with cross-functional teams to enhance existing systems.
- Applied SQL best practices to support data analysis and reporting needs.
- Contributed significantly to the Risk Management System project, handling most of the database architecture work
- learned and got familiar with PostgreSQL and Python.

PROJECT - Risk Management System
The primary objective was to empower users with comprehensive insights into their trading activities, specifically enabling them to monitor their profit and loss positions in real time.
- Worked as the Database Architect, helping design a strong and scalable database.
- Created and set up the database structure for effective **Risk Management.**
- Collaborated with stakeholders to determine database needs.
- Developed data models and security features to protect and manage data.
- Provided technical support and improved performance.

SKILLS

MS SQL Server
T-SQL Query, Database Design, Data Management, SQL Query Optimization, Joins, Indexing, Functions, Triggers, Backup and Recovery Strategies, Data Integrity, ETL Processes, Data Warehousing

Postgres SQL
SQL Fundamentals, Basic Queries, Data Manipulation, Primary Keys and Constraints, Import & Export Data from Postgres

MySql
Query Execution, Schema Design, Data Type Optimization, Index Management, Complex Joins, Subquery Construction, Data Migration and Integration

PYTHON
Basics: OOPS, Tuples, List, Sets, Dictionary, Pandas, Numpy

CERTIFICATES

- SQL Fundamental Course by Udemy
- SQL certificate by SoloLearn

EDUCATION

Master of Science in Information Technology   07/2022 – 07/2024
S.N. College, Bhayandar 🔗

Bachelor of Science in Information Technology   06/2018 – 05/2021
Viva College, Virar 🔗
CGPA : 7.2 Pointer