

Sujan R V

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Summary

Computer Science graduate specializing in **SQL, SparkSQL, and Python** with strong foundations in data structures and algorithms. Experienced in designing optimized queries, building scalable data-driven applications, and applying Python for automation and analytics. Hands-on with cloud computing concepts and modern data frameworks, with proven ability to translate business requirements into efficient technical solutions. Seeking a Data Engineer / SQL Developer / Python Developer role to leverage database expertise and analytical skills.

Skills

Core: SQL (joins, aggregations, indexing, optimization), SparkSQL, Python

Databases: MySQL, PostgreSQL, MongoDB, DBMS concepts

Programming: C, C++, JavaScript

Web Development: React, Node.js, Express.js, HTML, CSS

Concepts: Data Structures & Algorithms, OOPS, Debugging

Projects

Attendance Management System

Python, SQL

- Designed a normalized relational schema for managing 1,000+ student records.
- Wrote optimized SQL queries for absentee tracking, monthly summaries, and defaulter detection.
- Used indexing and joins to improve query performance by 30%.
- Automated reporting and analysis using **Python scripts**.
- Developed stored procedures and triggers to enforce data consistency.
- Built an interactive query dashboard for faculty to fetch insights quickly.
- Demonstrated integration of SQL with Python for end-to-end data handling.

Uber Data Analytics

Python, GCP, BigQuery, Looker Studio

- Engineered an end-to-end workflow for Uber trip data leveraging **Python, GCP Storage**, and **Mage** for orchestration.
- Performed data cleansing, feature extraction, and schema design before loading into **BigQuery** for high-performance querying.
- Optimized analytical queries and implemented a **relational data model** to support trend analysis.
- Designed interactive dashboards in **Looker Studio** to present insights on demand patterns, trip distances, and payment behavior.
- Utilized NYC **TLC Trip Records** dataset to derive actionable insights on urban mobility.

Education

RV College of Engineering, Bangalore

Jan 2020 – Aug 2024

B.E. Computer Science & Engineering – GPA: 8.17

Sahyadri PU College, Kolar

2018 – 2020

PCMB – PUC – Percentage: 89.33%

Certifications & Training

- **AWS Cloud Computing Training - Cloudplus AI** Oct 2023 – Dec 2023
- **Joy of Computing with Python - NPTEL** Jun 2023 – Sep 2023

Extracurriculars

- Organized and participated in multiple eSports tournaments at college events, managing logistics and team coordination.
- Coordinated a college-level treasure hunt with 80+ participants, designing challenges and ensuring smooth execution.
- Volunteered at a government school, teaching Science and Mathematics to students, improving engagement and understanding through interactive methods.