

SAHIL KAWADSE

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Professional Summary

Data-driven Electronics Engineering student (9.16 CGPA) with experience in data analysis, business intelligence, and machine learning. Proven ability to translate complex datasets into actionable insights using Python, SQL, and Power BI. Seeking a data analyst role to apply skills in dashboard development, automation, and predictive modeling.

Education

Vellore Institute of Technology (VIT), Vellore

2022 – 2026

Bachelor of Technology in Electronics and Communication Engineering

CGPA: 9.16 / 10.0

Skills

Programming Languages: C++, Python, SQL, Embedded C, Javascript, HTML, CSS

Data & BI Tools: Power BI, MS Excel (Pivot Tables, Formulas), Jupyter Notebook, Google Colab

Core Concepts: Data Structures & Algorithms, DBMS, Operating Systems, OOPs, IoT

Soft Skills: Analytical Thinking, Strategic Planning, Leadership, Team Management, Communication

Experience

MOODALE

May 2025 – Jun 2025

Technology & Data Intern

Remote

- Developed and maintained Excel dashboards to monitor operational metrics, enabling weekly performance reviews.
- Automated recurring reporting tasks using advanced Excel formulas and pivot tables, reducing manual effort.
- Wrote and executed SQL queries to extract, validate, and manipulate data for internal reporting.

Projects

Movie Recommender System

Python, Scikit-learn, Pandas, NumPy

GitHub Repository

- Engineered a content-based recommendation engine using TF-IDF vectors and cosine similarity on 5,000+ movie records.
- Optimized feature vector processing to improve the relevance and scalability of movie recommendations.

Pizza Sales Dashboard

Power BI, SQL, Excel, DAX

GitHub Repository

- Designed and deployed an interactive Power BI dashboard to analyze pizza sales data, driving actionable insights.
- Developed custom DAX measures to create KPIs for revenue, orders, and customer behavior analysis.
- Created 10+ visualizations to track sales trends by date, category, and product, identifying top-performing items.

Railway Booking Management System

Node.js, Express.js, MySQL, HTML/CSS/JavaScript

GitHub Repository

- Developed a full-stack web application for user registration, train searches, and ticket booking.
- Designed a normalized MySQL database schema and implemented secure SHA-256 password hashing for user data.
- Built a responsive frontend with HTML/CSS/JS to create a seamless user booking workflow.

Extracurricular Activities

The Electronics Club, VIT Vellore

2023 – Present

Outreach Head

- Led outreach programs and organized technical workshops and hackathons, fostering collaboration and skill development.

Research Publication

2025

Springer Nature

DOI: 10.1007/978-981-96-4071-3_50

- Co-authored and published research on optimizing RIS-assisted 6G networks for BER and capacity.