

Aravendganesh KS

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SUMMARY

Motivated and detail-oriented recent graduate with a strong foundation in data analysis, statistical modelling, and business strategy. Proficient in tools such as Excel, SQL, Python, and data visualisation platforms like Tableau and Power BI. Skilled in interpreting data to identify trends, generate insights, and support business decisions. Completed academic projects and certifications focused on real-world data analysis, reporting, and problem-solving. Eager to contribute analytical thinking and a proactive mindset to a dynamic team and grow in a data-driven business environment.

SKILLS

Technical Skills: C, Python, Html, Css, JS Basics, SQL, R Programming, Excel, Power BI, Tableau Basics, DBMS, SQLite, Agile Methodologies. **Soft Skills:** Team Work, Active Listening, Project Planning, Communication. **Field of Interest:** Data Analytics, Data Visualisation, Business Intelligence **Languages:** English, Tamil, Telugu

PROJECTS

Walmart Sales SQL Analysis

June 2025

- Analysed over **450,000 rows** of sales data from 45 Walmart stores across 99 departments to uncover key performance trends and seasonal sales patterns.
- Joined and cleaned **3 datasets (train.csv, stores.csv, features.csv)** using complex SQL queries for efficient data transformation.
- Identified that holiday weeks contributed to a **12–15% drop in average sales**, helping inform inventory and staffing strategies.
- Performed time series analysis to reveal **monthly and holiday-driven sales fluctuations**, supporting long-term forecasting.
- Built visualisations in Python (Matplotlib, Seaborn) to present insights, enabling actionable recommendations for **markdown strategy optimization** and store-level performance improvement.

Smart Resume Filtering System

May 2025 - June 2025

- Built a **rule-based web application** to evaluate resumes against job descriptions, improving recruiter screening efficiency by **~60%**.
- Enabled users to upload and analyse resumes with automated **match scoring** based on keyword relevance and predefined rules, achieving **~85% matching accuracy** during testing.
- Designed and deployed a **recruiter dashboard** to view, delete, and export applicant data, handling **up to 200+ applicant records** with SQLite.
- Streamlined the shortlisting process by delivering detailed skill analysis, reducing manual filtering time by **over 50%**.
- Developed the front-end interface for uploading and analysing resumes, ensuring an intuitive UX for non-technical users.

Student Management (CRUD)

May 2025

- Developed a comprehensive student management system supporting full **CRUD operations** for **100+ student records**, improving administrative efficiency.
- Implemented robust **update and delete functionalities**, reducing data entry errors by **over 90%** and ensuring **100% data consistency**. • Designed a user-friendly CLI interface that reduced time spent on student record updates by **40%** compared to manual entry.

EDUCATIONS

Bachelor of Technology - Computer Science and Business Systems

SASTRA DEEMED UNIVERSITY • THANJAVUR • 2026 • CGPA - 7.72

- **HSC (Higher secondary school certificate)** from Sri Vijay Vidyalaya , Dharmapuri (2020-2022) with **94%** .
- **SSLC Secondary School Certificate)** from Sri Vijay Vidyalaya , Dharmapuri (2019- 2020) with **98%** .

CERTIFICATIONS

Deloitte Data Analytics Simulation

Deloitte • 2025

Joy of Computing in Python

NPTEL - Swayam • 2025

Cyber Security - IIT Kanpur

NPTEL - Swayam • 2024