

SARABESHWARAN V

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Github : <https://github.com/Sarabeshwaran>

Portfolio : <https://sarabeshwaran.github.io/portfolio>

PROFESSIONAL SUMMARY

Motivated B.Tech graduate in Artificial Intelligence and Data Science (CGPA: 8.2) with hands-on experience in machine learning, data analytics, and full-stack development. Proficient in Python, SQL, Tableau, and Power BI. Demonstrated ability to build end-to-end data pipelines and interactive dashboards. Seeking an entry-level role in data science, analytics, or AI to contribute analytical expertise in a results-driven environment.

TECHNICAL SKILLS

Programming Languages: Python, R, SQL, Java, C++, C
Machine Learning & AI: Scikit-Learn, Pandas, NumPy, Supervised/Unsupervised Learning, Feature Engineering
Data Visualization: Tableau, Power BI, Advanced Excel
Database Management: SQL (SQLite, MySQL), Database Design, CRUD Operations
Cloud & Backend: Microsoft Azure, Oracle APEX, Spring Boot, Hibernate, JDBC, Servlets, JSP
Web Technologies: HTML, CSS, JavaScript

EDUCATION

B.Tech – Artificial Intelligence and Data Science Aug 2021 – Nov 2025
SIMATS Engineering College, Chennai | CGPA: 8.2 / 10.0

PROJECTS

Sales Analytics Dashboard Dec 2025
Personal Project

- Built end-to-end sales analytics pipeline using Python (Pandas), SQL (SQLite), and Tableau BI on 10K+ Superstore records.
- Designed fact and dimension tables; developed KPI metrics including Revenue, Profit, and Orders using SQL aggregations.
- Created a fully interactive Tableau dashboard featuring trends, category performance, geographic insights, and customer segmentation.
- Implemented dynamic filters and dashboard actions for drill-down analysis by year, segment, category, and region.

Tamil Nadu Crime Data Analysis Jul 2025
Academic Project

- Conducted end-to-end crime trend analysis (2014–Present) using NCRB and Tamil Nadu Police datasets covering 10+ crime categories.
- Performed correlation analysis across crime types (e.g., juvenile and caste-related crimes vs. murder trends) to uncover statistical patterns.
- Delivered data-driven recommendations for proactive policing, youth counseling programs, and improved rural crime reporting mechanisms.

Fraudulent Scam Call Detection using Machine Learning Nov 2024
Academic Project

- Developed a binary classification model using Python, Pandas, and Scikit-Learn to predict fraudulent calls from historical call data.
- Applied data cleaning, feature engineering, and model tuning techniques, achieving a 10% accuracy improvement over baseline models.

PROFESSIONAL TRAINING

Java Full Stack Development (Ongoing)

Jan 2026 – Present

Greens Technologies, Chennai

- Studying Core Java (OOP, collections, multithreading, exception handling) and Advanced Java (JDBC, Servlets, JSP).
- Building web applications using Spring MVC, Hibernate, and Spring Boot; developing front-end interfaces with HTML, CSS, and JavaScript.
- Practising database management using MySQL including joins, complex queries, and CRUD operations.

VIRTUAL EXPERIENCE PROGRAMS (FORAGE)

Data Analytics Job Simulation – Deloitte Australia

Aug 2025

Forage

- Completed simulation involving data analysis and forensic technology; created a business insights dashboard using Tableau.
- Used Excel for data classification and deriving business conclusions from complex datasets.

Data Visualisation Job Simulation – Tata Consultancy Services

Aug 2025

Forage

- Prepared executive-level questions and created compelling data visualizations to support senior leadership decision-making.

CERTIFICATIONS

- Oracle Cloud Infrastructure 2025 Certified Generative AI Professional – Oracle
- Oracle APEX Cloud Developer Certified Professional – Oracle
- Oracle AI Vector Search Certified Professional – Oracle
- Data Analytics – Cisco Networking Academy
- Java Certificate Course – Great Learning

SOFT SKILLS

Communication • Problem-Solving • Team Leadership • Adaptability • Time Management

LANGUAGES

English (Proficient) • Tamil (Native)