

SARUBALA SJ

Aspiring Data Analyst / Business Analyst

✉ sjsarubala@gmail.com — 📞 9629493951 — 📍 Chennai — 🔗 LinkedIn—sarubala — 🐙 GitHub—sarubala

👤 PROFESSIONAL SUMMARY

Final-year Artificial Intelligence and Data Science student with a strong passion for Data Analytics, Software Engineering, and Business Analysis. Proficient in Power BI and Excel for creating dashboards that reduce reporting time by 30%. Committed to leveraging data-driven insights to enhance business value and operational success.

📁 EXPERIENCE

Machine Learning Intern

Jul 2024 - Aug 2024

United Technology Info System

- Engineered features from a large-scale e-commerce dataset, enhancing model accuracy by 15%.
- Deployed classification models, achieving a prediction accuracy of 93%.
- Improved model stability by achieving a 20% reduction in variance through grid and random search techniques.

Big Data Intern

Jul 2023 - Aug 2023

V7 Data Labs

- Processed datasets over 200GB using Hadoop and Spark, increasing efficiency by 25%.
- Automated ETL pipelines, cutting processing time by 30% and improving data accuracy by 15%.
- Analyzed data from 500,000 transactions, increasing targeted marketing effectiveness by 20%.

🎓 EDUCATION

B.Tech Artificial Intelligence and Data Science

Nov 2021 - May 2025

Prathyusha Engineering College, Tamil Nadu

Current GPA: 8.48/10

Completed coursework in AI, machine learning, data visualization, and statistical analysis.

Higher Secondary Certificate (HSC)

2021

S.B.O.A. Matric. Hr. Sec. School, Madurai, Tamil Nadu

Percentage: 84%

Secondary School Certificate (SSC)

2019

S.B.O.A. Matric. Hr. Sec. School, Madurai, Tamil Nadu

Percentage: 78%

SKILLS

- Programming Languages:** Python, JavaScript, HTML/CSS, SQL
- Data Tools:** Power BI, Tableau, Looker Studio, Qlik View, Excel, Jupyter Notebook, Docker
- Skills:** EDA, Data Modeling, Machine Learning, Predictive Analytics, Data Cleaning, Visualization, Business Analysis, ETL, NLP, Statistical Analysis, Database Management, Data Manipulation

📁 PROJECTS

- Resume Analyzer:** Built a resume analysis tool using Python in Jupyter Notebook, incorporating features like resume scoring, course and skill recommendations, and video resources.
- Sales Data Insights:** Conducted a detailed sales data analysis using Power BI, identifying trends that informed sales and marketing strategies.
- Face Detection:** Developed a face detection system using OpenCV in Python, achieving high accuracy in identifying and marking facial features in real-time.
- HR Data Analytics:** Analyzed employee data to identify factors affecting employee retention, resulting in actionable insights for HR policy adjustments.
- Green Screen Replacer:** Developed a green screen replacement tool using Python, enabling video background removal with high precision, enhancing video production workflows.

🌟 CERTIFICATIONS & AWARDS

- Machine Learning for NLP: AWS
- Generative AI: Oracle
- Power BI Automate: Microsoft
- 2021 College Expo Runner-up
- Paper Presentation -2nd Prize
- Sports - Basketball

🗣️ LANGUAGES

English

Tamil