

Raveen Raj C

Chennai, India

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🌐 linkedin.com/in/raveen-raj-c

🌐 Portfolio

Professional Summary

Results-driven **Data Analyst** and **Machine Learning Enthusiast** with hands-on experience in data exploration, predictive modeling, and end-to-end project deployment. Proficient in Python, SQL, Power BI, and big data tools. Passionate about solving real-world problems through data-driven solutions. Seeking roles in **Data Analytics, Machine Learning, or Backend Development**.

Education

M.E. in Computer Science and Engineering (Big Data Analytics)

2023–2025

Anna University College of Engineering, Chennai

CGPA: 6.5

B.E. in Computer Science and Engineering

2019–2023

Jeppiaar Engineering College, Chennai

CGPA: 8.0

Skills

- **Programming:** Python, C, R, SQL, HTML, CSS
- **Data Tools:** Power BI, Microsoft Excel, MongoDB, R Studio, D3.js
- **Machine Learning & AI:** Pandas, NumPy, Scikit-learn, TensorFlow, Deep Learning, NLP, LLM Integration, Grad-CAM, LIME
- **Other:** Data Cleaning & Wrangling, Explainable AI
- **Soft Skills:** Problem Solving, Team Collaboration, Communication, Project Management

Projects

1) Plant Disease Diagnosis System

- Built CNN model (**InceptionV3**) for disease classification using leaf images
- Implemented **Grad-CAM heatmaps**, severity estimation, and remedy suggestion via ontology
- Predicted disease spread with synthetic time-series data (LSTM)
- Deployed with Streamlit + LLM-based chatbot for user interaction

2) Fake Store Web Scraping & Data Analysis

- Scraped product data (BeautifulSoup, Requests) and conducted EDA with Plotly/Seaborn
- Designed **Power BI dashboard** with category-wise insights & stock alerts

3) Sales Forecasting Model

- Forecasted sales using **ARIMA** and **Prophet** models
- Visualized trends and anomalies for retail business decision-making

4) AI Chatbot Development

- Fine-tuned LLMs on user datasets for personalization
- Built an interactive chatbot for context-aware responses

5) Face Mask Detection System

- CNN-based mask detection (OpenCV) with real-time webcam integration
- Alert system for non-compliance monitoring

Internship

Python and Data Science Intern

Spiro Solutions, Chennai (2022)

- Automated scripts & data preprocessing in Python
- Assisted in visualization and ML model training

Areas of Interest

- Data Analysis and Visualization
- Machine Learning & AI Research
- Big Data Engineering
- Backend Development

Personal Details

- **Name:** Raveen Raj C
- **Date of Birth:** 16 June 2002
- **Gender:** Male
- **Nationality:** Indian
- **Languages Known:** English, Tamil
- **Address:** Chennai, India