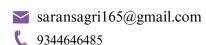
# **SARANS**

LinkedIn: Saran S Github: Official-saran Portfolio





Mathur, krishnagiri (Dt), Tamil Nadu -635203

### **PROFILE SUMMARY:**

Enthusiastic AI & ML undergraduate with a solid foundation in machine learning, data preprocessing, data analytics, and data visualization. Proficient in Python and Java, with hands-on experience in building end-to-end AI projects, predictive models, and research-oriented applications. Also skilled in web development, combining front-end and back-end technologies to deliver responsive, user-friendly solutions. Committed to solving real-world problems through continuous learning, innovation, and effective collaboration.

### **PROJECTS**

## Energy Consumption Prediction

Ongoing

Built an end-to-end time series model to forecast electricity usage, enhancing energy management. Designed an interactive Streamlit dashboard for real-time visualization. (Python, Streamlit, Pandas, Scikit-learn, ARIMA, LSTM)

## Used Car Price Prediction

December - 2024

Built regression-based machine learning models to predict used car and house prices, delivering data-driven valuation insights. Performed data cleaning, feature engineering, and exploratory analysis.

(Python, Pandas, Scikit-learn, Linear Regression, Random Forest, XGBoost)

## Agro-Based Crop Recommendation and Advisory

Feb 2025 – Martch 2025

Developed a smart, bilingual agro-advisory web application powered by the Gemini API. The system recommends suitable crops and delivers contextual agricultural guidance based on user queries and location data. It provides natural language responses in text formats. (Streamlit | Python | Gemini API | Text-to-Speech)

## ◆ Prelogic Tech – Company Website

Jan 2025 – Feb 2025

Built a responsive website for a newly established IT consultancy company to enhance online presence and client engagement. (HTML, CSS, Bootstrap, JavaScript, MongoDB, Node.js)

# **INTERNSHIP:**

### **Google AI-ML Virtual Internship**

EduSkills Virtual Internship Program with Google for Developers

Apr - Jun 2025

Completed with an excellent(E) grade. Gained practical experience in Python, machine learning, and data analysis, focusing on real-world AI applications and predictive modeling.

# **EXPERTISE:**

Programming Languages: Python (Pandas, Numpy, Scikit-learn) | Core Java

Web Technology: HTML, CSS, Bootstrap, JavaScript, MongoDB

Data Analytics: Power BI, MS Excel Design Tools: Figma | Blender | Canva

Other Tools: Google - colab | Jupyter Notebook | MATLAB

## **EDUCATION:**

**BE-**Artificial Intelligence and Machine Learning

K.S. Rangasamy College of Technology-Tiruchengode

Current CGPA: 8.31 / 10 2019 - 2020

Expected Graduation: May 2026

Percentage - 70

## **CERTIFICATIONS:**

NPTEL - Data Analytics with Python

Coursera - Python Packages for Data structure

Govt Boys Higher secondary School - Mathur

Coursera - Deep learning and Reinforcement learning

GUVI - Practical Machine Learning

**NPTEL** - C Programming

#### AREA OF INTEREST:

Data Science, Machine Learning, Data Structures.

#### **HOBBIES:**

Exploring AI tools, Problem solving.