



Sri Eshwar

MAGESHWARAN P

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EDUCATION

Sri Eshwar College of Engineering	B.Tech AI&DS	CGPA 8.32(Upto 3rd sem)	2022-2026
APS Academy Matric Hr Sec School	HSC	91.50%	2020-2022
APS Academy Matric Hr Sec School	SSLC	97.43%	2019-2020

INTERNSHIP

Machine Learning and Data Science - Beyond Sustainability 2024

Developing an AI-powered recommendation engine that analyzed historical emissions data to recommend the most effective carbon reduction strategies based on budget, timeframe, and CO2 reduction goals.

Django - RV TechLearn 2024

Built a social media platform with Django, blending features of traditional blogging and social networking. Users can create rich blog posts, interact with each other's content, and customize their profiles within the app's community-driven environment.

PROJECTS

Eco Buddy: 2024

Designed a versatile chatbot, EcoBuddy, using Dialogflow, providing recycling guidelines, carbon footprint tracking, live Air Quality Index (AQI) updates for Indian cities via web scraping, scientific news, and weather updates. Deployed EcoBuddy as a Telegram bot for convenient access to eco-friendly resources and environmental information.

Tech Stack: Dialogflow, Python, BeautifulSoup, HTML, CSS

Music Popularity Prediction: 2023

Developed a model utilizing XGBoostRegressor to predict music popularity with 89.16% accuracy. Leveraged features such as genre, artist, and release date for accurate predictions, facilitating strategic decision-making for music industry professionals.

Tech Stack: Python, TensorFlow, scikit-learn

Digit Recognition: 2023

Developed a Digit Recognition system using Convolutional Neural Networks (CNN) to accurately classify handwritten digits. The model achieved a high accuracy in recognizing handwritten digits, demonstrating the effectiveness of the CNN architecture for this task.

Tech Stack: Python, TensorFlow, scikit-learn

CERTIFICATIONS

Machine Learning for Engineering and Science Application	NPTEL	2024
Introduction to Machine Learning by IIT-Madras	NPTEL	2023
Learn Java Programming, Beginner to Advanced	Udemy	2023
Data Structures and Algorithm using C and C++	Udemy	2023
Programming with Python 3.X	SimpliLearn	2022

ACHIEVEMENTS

Leetcode: Max Rating: 1411 | Problems solved: 230 | Awarded 100 days Badge in 2023 [Profile](#)

Codechef: 156 problems solved [Profile](#)

Secured ELITE in NPTEL Machine Learning for Engineering and Science Application by IIT-Madras

Hackathon: Secured second place in the V-PRAYUKTI 24 AIML Hackathon at Bannari Amman Institute of Technology for the project addressing the problem statement of an environmental chatbot.

Java-DB Leap - Secured 4th Position.

Secured Top 10 with MERIT in Django Leap

SKILLS

Programming Languages - C | Python | Java

Web Technologies - HTML | CSS

Backend Technologies - Django

Databases - MYSQL | SQL

Tools - VScode | Colab | Jupyter notebook

Core - Data Science | Machine Learning