



## EDUCATION

Sri Eshwar College of Engineering	<b>B. TECH (AI &amp; DS)</b>	CGPA: 7.85 (Up to 3 <sup>rd</sup> Semester)	2022-2026
Veveaham Hr Sec School	<b>HSC</b>	89.83%	2020-2022
St.Paul's Matric School	<b>SSLC</b>	81.00%	2019-2020

## INTERNSHIP

### Django intern – RVTechlearn 2024

Significant contributions were made to the development of web platform, utilizing HTML, CSS, Django, and SQLite. I worked on a on a Movie Recommendation System project, integrating machine learning algorithms to provide personalized movie suggestions to users.

**Tech stack:** HTML, CSS, Django, SQLite, ML

### AI & Robotics Intern – Intrino Robotics & Technologies Pvt Ltd 2024

I engaged in development of a ROS-based teleoperation and voice command system robot project, enabling efficient remote control of robots. The system was tested in the Gazebo simulation environment to ensure optimal functionality and performance under various conditions.

**Tech stack:** ROS, Python, ML

### Chat with PDF- RAG project 2024

This project uses Gemini AI with a Retrieval-Augmented Generation (RAG) system to enable chat interactions with PDF documents and answer user questions based on uploaded data. A Streamlit interface allows real-time document uploads and chat.

**Tech stack:** Python, RAG, GeminiAPI.

### Emotion analysis using text and audio 2024

This project uses text and audio data for emotion analysis, applying a Naive Bayes classifier for text and an LSTM neural network for audio. It includes a user interface for file uploads and displays results.

**Tech stack** ML, DL, HTML, CSS, Django, Python.

### Smart Bin and Map Navigation 2023

Engineered the “Smart Bin and Map Navigation” web app, a pioneering solution in waste management. Developed a sophisticated navigation system within the app to produce the shortest path between bins based on the fill level.

**Tech stack:** HTML, CSS, JavaScript, Django, Python, IOT.

## CERTIFICATIONS

Certified in Flutter Introduction Workshop – Let's Upgrade	Let's Upgrade	2024
Certified in Supervised Machine Learning	Coursera	2024
Certified in Crash Course on Python by Google	Coursera	2023
Certified in Problem Solving (Basic)	HackerRank	2023
Certified in The Joy of Computing Using Python	NPTEL	2023

## ACHIEVEMENTS

**Leetcode:** Problems solved – 220 | Rating - 1390 | Top 86.78 % in the World.

**Hackerrank-** 4 Star badge in Python | 1 Python Certificate.

**DSCE Aventus 2.0-** Participated in National Level Hackathon. 2024

**PSG iTech Hack Fest-** Participated in National Level Hackathon. 2023

**First Year Project Expo-** Secured 2<sup>nd</sup> Position. 2023

## SKILLS

<b>Programming Language</b>	Basic C C++ Java R   Python.
<b>Web Technologies</b>	HTML   CSS   Basic JavaScript   Django   Streamlit.
<b>VCS Manager</b>	Git   GitHub   Anaconda   PyCharm   Dataspell   VS Code.
<b>Frameworks</b>	Tensorflow   Keras   Langchain   Basic of ROS.
<b>Core</b>	Data Analysis   Machine Learning   Deep Learning.