



# SRI SURIYA S

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## EDUCATION

Sri Eshwar College of Engineering-B.TECH [AI-DS]	CGPA 8.21	2023 - 2027
Sairam Mat Hr Sec School -HSC	91.5%	2021 - 2023
Sairam Mat Hr Sec School -SSLC	90%	2020 - 2021

## INTERNSHIP

### MERN Stack Intern: 2025

Created a web app to add, update, and track tasks using the MERN stack.

- Built a user-friendly interface with React.js for managing tasks easily.
- Developed a backend API with Node.js to handle tasks and users.
- Used MongoDB to store task details and user data securely.
- Added user login and authentication for secure access.

Tech Stack: MongoDB, Express.js, React.js, Node.js, Git, GitHub, CSS

## PROJECTS

### GREEN HORIZON: 2024

A React-Native mobile app for farmers, integrating AI-powered plant growth prediction, disease detection, and smart crop recommendations. Uses Flask, **TensorFlow (CNN)**, Firebase, and Gemini API to analyse plant health from images and provide real-time farming insights. Features include image-based disease diagnosis, fertilizer & crop recommendations based on soil data, and a user-friendly dashboard for tracking plant health. Built scalable **Flask APIs for ML processing** and leveraged Firebase for authentication & cloud storage, ensuring a seamless user experience. ([APP LINK](#)). (refer to my GitHub)

**Tech stack:** Flask, Firebase, ML Libraries, React-native.

### INTELLIJOB – AI-POWERED JOB MATCHING PLATFORM: 2025

Developed an AI-driven job recommendation platform that intelligently matches users with relevant job opportunities based on their uploaded resumes. The system uses resume parsing and keyword extraction to identify key skills, which are matched with live job listings via external job APIs. The project features a modern, responsive frontend and secure authentication. It also supports real-time job fetching, resume uploads, and personalized dashboards for each user. (refer to my GitHub)

**Tech Stack:** React JS, Node.js, Firebase, MongoDB, REST API, Machine Learning (NLP), JSearch API, Cloud Storage

### EMOTUNE: 2025

Developed a cross-platform wellness mobile application using React Native that applies **Machine Learning** for **speech emotion recognition**. Integrated the **Wav2Vec2 model** from Hugging Face pipelines through Gradio to analyse audio input and classify emotional states in real-time. Designed and deployed **Flask-based REST APIs** to handle ML inference and communicate with the **Gemini API** to generate personalized content recommendations (music, books, wellness tips) based on predicted emotions. Utilized **Firebase Authentication** and **Firestore** to manage multi-user data and store emotion prediction history. The app also features **interactive emotion dashboards**, animated data visualizations, and mood tracking. ([APP LINK](#)). Refer to my git repository for code reference.

**Tech stack:** Machine Learning, Python, Flask, React Native, Hugging Face Transformers, Firebase, Gradio, Gemini API, TypeScript

## CERTIFICATIONS

Certification on C, C++, Java, Python  <b>Code Galata</b> - <a href="#">Certificate</a> .	2024
Certification on Database and SQL for Data science   <b>COURSERA</b> - <a href="#">Certificate</a> .	2024
Certification on Data Structure and Algorithms Using C and C++  <b>UDEMY</b> - <a href="#">Certificate</a> .	2024
Certification on Python(basic)  <b>HACKERRANK</b> - <a href="#">Certificate</a> .	2024
Certification on pandas   <b>KAGGLE</b> – <a href="#">Certificate</a>	2024
Certification on Power BI   <b>GREAT LEARNING</b> – <a href="#">Certificate</a>	2024
Certification on Matplotlib   <b>GREAT LEARNING</b> – <a href="#">Certificate</a>	2024
Certification on Supervised Learning   <b>COURSERA</b> - <a href="#">Certificate</a>	2025

## ACHIEVEMENTS

**FRESHATHON:** Won **1<sup>st</sup> prize** as a team at Sri Eshwar College of Engineering

**CODEFIESTA:** secured **5<sup>th</sup> place** as a team at Sri Eshwar College of Engineering

**HACK SUMMIT 5.0:** Secured **runner-up** position in **36-hour hackathon** organised by Temenos Pvt Ltd.([Certificate](#))

**LEETCODE:** Max Contest Ratings – 1501 | 70+problems solved |Rank – 10,43,298 | [PROFILE](#)

## SKILLS

**Programming skills:** React JS, React-native, C++, Python, Flask, SQL

**Tools:** Git, GitHub, Firebase

**Core:** Data Structures and Algorithms | OOPS | DBMS |Machine learning