



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

Lysa solution: 2025

- Developed a **MERN stack Chat application** with real-time messaging and user authentication, demonstrating full-stack development skills.
- Gained **hands-on industry experience** by collaborating in an agile team environment and contributing to scalable, production-ready software

PROJECTS

GREEN HORIZON: 2024

- Developed a **Web app for farmers** integrating AI-driven plant growth stage prediction, disease detection, and crop recommendations.
- Built and deployed **Flask APIs with TensorFlow CNN models** for real-time image-based plant health analysis and smart fertilizer suggestions.
- Integrated **Firebase** for user authentication and cloud storage, and used **Gemini API** to deliver dynamic, contextual farming insights via a user-friendly dashboard.

EMOTUNE: 2025

- Developed a **Web app** leveraging **Wav2Vec2 (Hugging Face)** for real-time **speech emotion recognition** from user audio input.
- Designed **Flask-based REST APIs** to process audio, perform ML inference, and connect with the **Gemini API** to deliver **personalized recommendations** (music, books, wellness tips).
- Implemented **Firebase Authentication** and **Firestore** for secure multi-user support, emotion history tracking, and dynamic **mood visualization dashboards**.

INTELLIJOB: 2025

- Built a MERN platform that analyzes resumes using **NLP** techniques for keyword extraction and matches user skills with job listings via the **JSearch API**.
- Designed a responsive **React.js** frontend with **Node.js** backend, supporting real-time job fetching, resume uploads, and personalized user dashboards.
- Integrated **Firebase authentication**, **MongoDB** storage, and cloud services for secure login, user data management, and seamless job recommendation delivery.

CERTIFICATIONS

Certification on C, C++, Python Code Galata	2024
Certification on Database and SQL for Data Science COURSERA(IBM)	2024
Certification on Data Structure and Algorithms Using C and C++ UDEMY	2024
Certification on Supervised Learning COURSERA(STANFORD)	2025
Certification on Advanced Learning algorithm COURSERA(STANFORD)	2025
Certification on Unsupervised Learning COURSERA(STANFORD)	2025

ACHIEVEMENTS

HACK SUMMIT 5.0: Secured **runner-up** position in **36-hour hackathon** organised by Temenos Pvt Ltd.

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

CODEFIESTA: Secured **5th place** as a team at Sri Eshwar College of Engineering

LEETCODE: Max Contest Ratings – 1500+ | 200+ problems solved

SKILLS

Programming skills: React, C, C++, Python, Flask, SQL,

Tools: Git, GitHub, Firebase, MongoDB, Jupyter Notebook, VS Code, Power BI, Tableau , Vercel and Render

Core: Data Structures and Algorithms | OOPS | DBMS | Machine learning | NLP | Deep Learning | LLM