SIVA SRIRAM A B

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Education

Sri Ramakrishna Engineering College — Coimbatore, Tamil Nadu
Bachelor of Information Technology. CGPA : 8.31 — 2021-2025

AKT Academy Matric Hr Sec School — Kallakurichi, Tamil Nadu
SSLC. Percentage: 91.6 — MAR - 2019

AKT Academy Matric Hr Sec School — Kallakurichi, Tamil Nadu
HSC. Percentage: 93.5 — MAY - 2021

Experience

Sunoida Solutions Pvt Ltd — June 2025 - Present

- Developing and deploying AI solutions using Large Language Models (LLMs) and Retrieval-Augmented Generation (RAG) architectures to enhance information retrieval and conversational accuracy.
- Building and fine-tuning transformer-based models for domain-specific tasks such as document understanding, text classification, and knowledge extraction.

Projects

Siya A health Assistant - React, Flask, Nodejs (LINK)

- Spearheaded the end-to-end development of a web-based application aimed at predicting diseases using symptom analysis; implemented rigorous testing protocols and achieved an accuracy rate of 90%, revolutionizing the early detection and prevention of illnesses.
- Implemented a Random Forest machine learning model that analyzed a dataset consisting of 100 diseases and 3000 data entries, enabling accurate symptom-based predictions.

Notes App - React, Node.js, MongoDB (LINK)

- Designed and developed a full-stack Notes Application, enabling users to create, edit, delete, and pin notes for enhanced organization and productivity.
- Implemented a secure backend with Node.js, Express, and MongoDB, ensuring robust data management and user authentication using JWT.
- Utilized React.js and Tailwind CSS to build a responsive and intuitive user interface, providing seamless navigation across features.

Human Activity Recognition - Python (GITHUB)

- Developed and deployed a machine learning model to accurately predict human activities captured by a camera, achieving an 80% accuracy rate in monitoring patient movements and improving overall care delivery efficiency by 25%.
- The model will be trained using a ResNet dataset comprising 400 classes of diverse human activities.

COURSES & CERTIFICATES

- Fundamentals Of Deep Learning.
- Ultimate Front-End Bootcamp: CSS, Bootstrap, JQ, JS, React.
- The Complete Pandas Bootcamp 2023 For Data Analysis -Python
- AI Agents Fundamentals (Hugging Face)

Skills & Interests

- **Programming Languages:** Java, Python, C
- **Web Technologies:** React, TailwindCSS, Nodejs, JavaScript, RESTful API
- **Database Managements:** MongoDB, Firebase, Oracle
- **Libraries & Framework:** Flask, openCV, Transforms