

SIVA SRIRAM A B

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Education

Sri Ramakrishna Engineering College Bachelor of Information Technology. CGPA : 8.27	Coimbatore, Tamil Nadu 2021-2025
AKT Academy Matric Hr Sec School SSLC. Percentage: 91.6	Kallakurichi, Tamil Nadu MAR - 2019
AKT Academy Matric Hr Sec School HSC. Percentage: 93.5	Kallakurichi, Tamil Nadu MAY - 2021

Experience

Record Innovations PVT LTD June 2024 - July 2024

- Developed and maintained both front-end and back-end components of web applications.
- Collaborated with cross-functional teams to define project requirements, set timelines, and ensure timely delivery of projects.

Projects

Siya A health Assistant - React November 2023 - May 2024

- 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.

Human Activity Recognition December 2022 - April 2023

- 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.

Retinal Analysis January 2023 - March 2023

- Developed and implemented a web-based application for retinal analysis to detect diabetic retinopathy and cataracts; achieved a 40% increase in early diagnosis and treatment, improving patient outcomes and reducing long-term healthcare costs.
- The application will be trained on a dataset consisting of 2000 retinal images.

COURSES & CERTIFICATES

- Fundamentals Of Deep Learning.
- Ultimate Front-End Bootcamp: CSS, Bootstrap, JQ, JS, React.
- The Complete Pandas Bootcamp 2023 For Data Analysis -Python
- Social Network(NPTEL)

Skills & Interests

- **Programming Languages:** Java, Python, C
- **Web Technologies:** HTML, React, Nodejs, JavaScript,TailwindCSS
- **Database Managements:** MongoDB,Firebase
- **Libraries & Framework:** Flask,openCV and Tensorflow