

SIVA SRIRAM A B

☎ 8838270416 ✉ sivasriram1206@gmail.com 🌐 github.com/SivaPhoenix 📁 Siva Portfolio in in/sivasriram

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

Projects

Siya A health Assistant - React

November 2023 - Present

- 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 and revolutionizing the diagnosis process for medical practitioners.
- Web-based application built with ReactJS, CSS, Firebase and Flask.

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.
- Web-based application built with HTML, CSS and Flask.

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