

PALLERLA SAI SRIRAM

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♂ Male

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PROFILE

I am a passionate Computer Science student at Amrita Vishwa Vidyapeetham with a strong focus on Data Science, Deep Learning, Artificial Intelligence (AI), and Machine Learning (ML). Driven by curiosity and a desire to tackle complex problems, I am committed to developing intelligent, data-driven solutions that push the boundaries of technology. Constantly staying abreast of the latest advancements, I am a quick learner with a strong aptitude for adapting to new challenges. My analytical mindset, coupled with problem-solving skills, allows me to excel in collaborative settings and contribute effectively to team-driven projects. I am dedicated to continuous learning and innovation, always striving to expand my expertise in the rapidly evolving tech landscape.

EDUCATION

2022 – 2026	Amrita Vishwa Vidyapeetham, BTech
Vijayawada, India	CGPA:9.04
2020 – 2022	Sri Chaitanya, intermediate
Hyderabad, India	SSC Intermediate Board:98%
2009 – 2019	Sri Chaitanya, 10th Class
Hyderabad, India	SSC 10th board:10 points

PROGRAMMING LANGUAGES

Python	Java
SQL	C,C++

LANGUAGES

English	Telugu	Hindi
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UPSKILLING & CERTIFICATES

**AWS Academy Graduate-
AWS Academy Cloud
Foundations**

HackerRank Ratings
Python-4star
Java-4star

Certifications in HackerRank
Python (Basic)
SQL (Basic)
SQL (Intermediate)

PROJECTS

Breach Checker for Email and Password

Developed and deployed a Streamlit-based website that identifies data breaches using APIs like LeakCheck and Have I Been Pwned. Users can input their email, password, or both to check for breaches, along with details on when and through which service the breach occurred.

Melanoma Classification with VGG-16 and Flask Integration

Implemented a CNN-based Melanoma Classification model using the VGG-16 architecture and developed a Flask-based web application. The application allows users to upload images and receive real-time classification (malignant or benign).

Personalized Book Recommendation System

Developed a machine learning model that predicts and recommends books based on individual user interests. Leveraged a comprehensive book dataset to analyze preferences and deliver tailored book suggestions, enhancing the reading experience through personalized recommendations.

AI-Powered Healthcare Assistant System

Developed an AI-driven healthcare platform that automates appointment bookings based on user location and required doctor specialization. The system also provides a medical chatbot for real-time health assistance, personalized home remedy suggestions, and secure storage of user credentials and interaction history. Built with Python, Streamlit, and SQLite.

PROFESSIONAL EXPERIENCE

Mentor, College Club

- Guided and supported fellow students in programming and project development.
- Organized and conducted workshops and study sessions.

Research Competitions Participant

- Participated in various research competitions, focusing on innovative tech solutions.