

SAIRAM RAMAVATH

sairamramavath01@gmail.com | +91 9390708854 | Hyderabad

Linkedin | **GitHub** | **LeetCode**

EDUCATION

Vidya Jyothi Institute of Technology

B.Tech Artificial Intelligence

CGPA: 8.88

Hyderabad

Aug 2019 - April 2023

Sri Chaitanya Junior College

Intermediate MPC

Percentage: 88.9%

Hyderabad

May 2017 - April 2019

Raos High School

10th Standard

CGPA: 8.2

Hyderabad

June 2016 - April 2017

EXPERIENCE

Brane Enterprises | Intern

Hyderabad,Telangana | 02 May 2023 - Present

- Developed a web application for an EdTech platform using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Contributed to both frontend and backend development, implementing robust RESTful APIs and interactive user interfaces.
- Contributed to the development of AI models for the EdTech platform and integrated them into the frontend.
- Facilitated effective communication and knowledge sharing within the team, fostering a collaborative work environment.

SKILLS

Programming Languages: C, C++, Java, Python, JavaScript, CSS3, HTML

Libraries/Frameworks: Node.js, React.js, Express.js, Flask, Django, REST API's, Scikit-Learn, TensorFlow, Tailwind, Bootstrap, AI/ML

Tools / Platforms: Git, GitHub, VS Code, Eclipse, Docker

Databases: MySQL, MongoDB, PostgreSQL

PROJECTS / OPEN-SOURCE

Auto ML

Developed an AutoML project leveraging Python libraries to automate machine learning model training, encompassing data preprocessing, visualization, model training, and deployment functionalities, with features including dataset handling, visualization tools, model training automation, deployment capabilities, and report generation for comprehensive project insights. Additionally, implemented a Model Deployment module for seamless deployment of trained models.

Technologies Used : Machine Learning, Python, Flask, MongoDB, Docker, HTML, CSS, JavaScript

Features : Data Preprocessing, Data Visualization, Model Training, Model Deployment, Report generation on project

Project Link: <https://github.com/Sairam-04/Auto-ML->

Agrohub.AI

Developed a user-friendly web application specifically designed for precision agriculture, providing farmers with seamless access to Deep Learning/Machine Learning models. The platform boasts features such as Crop Recommendation, Cotton Leaf Disease Detection, and a Discussion Forum, fostering knowledge exchange among farmers and empowering them with cutting-edge technology to optimize crop yield and effectively address plant health concerns.

Technologies Used : Machine Learning, Deep Learning, Tensorflow, Python, Flask, MongoDB, HTML, CSS, JavaScript

Features : Crop Recommendation, Cotton Leaf Disease Detection, Discussion Forum

Project Link : <https://github.com/Sairam-04/AgroHub.AI>

G3n.ai

G3n.ai is a project aimed at leveraging AI models to create innovative solutions for text-to-image, music generation, and speech synthesis. The project utilizes FastAPI for building the backend API and integrates with frontend frameworks like React, Three.js, and Tailwind CSS for a seamless user experience.

Features : Text to Image Generation, Text to Music Generation, Text to Speech Generation

Technologies Used : React, Python, FastAPI

Project Link : <https://g3n-ai.vercel.app/>

Task Management App

Developed a Task Management Application using the MERN stack, delivering enhanced functionality to streamline task organization and productivity. One key feature I implemented is advanced filtering options, allowing users to efficiently organize tasks based on priority, due date, and status. Additionally, I integrated a Starred Tasks feature, empowering users to mark and prioritize important tasks for quick access and focused attention.

Technologies Used : JavaScript, React.js, Node.js, Express.js, MongoDB, HTML5, TailwindCSS

Project Link : <https://task-buddy-app.netlify.app/>

Webbie Shop (Freelance Project)

React, HTML, CSS, JavaScript

Developed the Webbie Shop website, working on webpage development and integrating them into the application using React. Responsibilities included designing user interfaces, implementing responsive designs, and ensuring seamless functionality across different devices and browsers.

Features:

- * **Webpage Development:** Created and styled multiple webpages to enhance user experience.
- * **Responsive Design:** Ensured the website is mobile-friendly and functions well on various devices.
- * **Integration:** Integrated the developed pages into the main application to ensure smooth navigation and performance.

Project Link: <https://www.webbieshop.com/>

CERTIFICATIONS

- Neural Networks and Deep Learning - **Coursera**
- Networking Essentials - **Cisco Netacad**
- Programming Essentials in Python - **Cisco Netacad**
- Using Python to Access Web Data - **Coursera**
- Python for Data Science and AI - **By IBM on Coursera**

HONORS & AWARDS

- Appointed as Head of Deep Learning Club, leading initiatives and projects in artificial intelligence and deep learning.
- Achieved 5th position in the T-Hub MatHack Hackathon, competing among 800 teams in the largest AI hackathon hosted by T-Hub, May 2024.