

SAIRAM RAMAVATH

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

EDUCATION

Vidya Jyothi Institute of Technology

B.Tech Artificial Intelligence

CGPA: 8.88 (Top 5 within branch)

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

ACHIEVEMENTS

- 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.
- Secured a top 5 position in academic performance within my branch at college.

EXPERIENCE

Brane Enterprises | Intern

Hyderabad,Telangana | 02 May 2023 - Present

- **Full-Stack Development:** Led a team of 5 developers to build a web application for an EdTech platform using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- **API Integration:** Developed and integrated APIs to ensure seamless communication between the frontend and backend.
- **Frontend Optimization:** Applied advanced data structures and algorithms to optimize frontend performance.
- **Team Collaboration:** 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: React.js, Express.js, Flask, REST API's, Scikit-Learn, Tensorflow, Tailwind, Bootstrap, AI/ML, Node.js

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

Databases: MySQL, MongoDB, PostgreSQL

PROJECTS

AutoML

- Developed an AutoML project leveraging Python libraries to automate machine learning model training.
- Encompassed data preprocessing, visualization, model training, and deployment functionalities.
- Implemented features including dataset handling, visualization tools, model training automation, deployment capabilities, and report generation for comprehensive project insights.
- Created 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->

ConnectVerse

- Developed a user-friendly web application for aggregating social media handles, allowing users to list all their social media profiles in one place and generate a public URL for easy sharing.

- The platform displays all social media links together and includes analytics features to track user visits and clicks.

Technologies Used: MongoDB, Express.js, React.js, Node.js (MERN Stack)

Deployment: Vercel (Frontend), MongoDB Cloud, Render (Backend)

Features:

- Centralized social media handle listing
- Public URL generation for easy sharing
- Analytics tracking for user visits and clicks

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

Github Link: <https://connectverse-five.vercel.app/>

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 Buddy

- Developed a Task Management Application using the MERN stack, enhancing task organization and productivity.
- Implemented advanced filtering options for tasks based on priority, due date, and status, improving efficiency in task management.
- Integrated a Starred Tasks feature to 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/>

Github Link: <https://github.com/Sairam-04/ToDo-MERN-Stack>

Webbie Shop (Freelance)

- Developed the Webbie Shop website using React, focusing on webpage development and integration.
- Designed user interfaces to enhance user experience and engagement.
- Implemented responsive designs to ensure compatibility across various devices and browsers.
- Ensured seamless functionality and performance optimization throughout the application.

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.

Technologies Used: React.js, HTML, CSS, JavaScript

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**