Sriram Reddy Koonadi

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Education

SR University **2021-2025**
B.Tech. in Computer Science and Engineering -(AI & ML) *CGPA:9.19/10* **Hanamkonda,Telangana**
SR Junior College **2019-2021**
Class - XII (Percentage: 92.8) **Hyderabad,Telangana**
Chaitanya Model High School **2019**
Class - X (CGPA: 9.7/10.0) **Parkal,Telangana**

Skills

Languages : C,Java,Python,Javascript,SQL
Technologies & Tools : Django, HTML, CSS, Tailwind CSS , NumPy, Pandas,Git, Github, Power BI
Concepts :Generative AI, Machine Learning ,Deep Learning, Data Analysis, DSA, OOPS
Certifications: Microsoft Azure AI-900,Nvidia DLI :Fundamentals of Deep Learning

Work Experience

Edunet Foundation-Ernst & Young GDS-AICTE Feb 2024 -April 2024

Full Stack Web Development Intern

- Developing a Voting Web Application during an internship, utilizing MySQL,Django, HTML, CSS, JavaScript, Python, Bootstrap, and Tailwind CSS.
- Enhanced user engagement through a centralized platform for creating, managing, and participating in online polls, integrating Django's security modules to ensure robust protection.
- Implemented security features leading to a 20% increase in user registrations and a 30% enhancement in application security by leveraging Django's authentication, CSRF protection, password hashing, session management, and clickjacking protection modules.

Project Work

- **Legal Tech Web App | HTML,CSS, Bootstrap, PostgreSQL, Django, AJAX, OpenAI-API:** Built a web application that serves as a bridge between users in legal conflict and legal service providers, enhancing accessibility to legal services.Worked as a backend developer,Integrated an AI chatbot using OpenAI GPT-4 for an interactive user experience.Achieved a 30% improvement in data retrieval speed.
- **Brain Tumor Prediction | Numpy,Pandas,Sklearn, Open CV:** Utilized Numpy, Pandas, Scikit-learn, and OpenCV for data analysis and preprocessing.Implemented machine learning models including **Artificial Neural Networks (ANN), Decision Trees, and Random Forest** for brain tumor detection.Achieved a significant improvement in accuracy, boosting it from **57% to 95%** on MRI images through fine-tuning of the Random Forest model.Developed a solution enabling the diagnosis of brain tumors from MRI images upon uploading patient scans.
- **Health Center | HTML,CSS,Bootstrap,Django,PostgreSQL:** Developed and deployed a dynamic Web-based patient flow management solution for a healthcare facility,optimizing patient report management and data storage in a centralized database and increased patient satisfaction scores by 25%. Streamlined a robust system for generating unique primary keys for efficient patient record management.

Achievements

- **PEC HACKS | Jan 2024:** Finalist in PEC HACKS 2024, a National-level 36 -hr Hackathon featuring over 600 teams nationwide.Ranked 6th among 50 top-performing teams in the final round.
- **SRU Hackathon | Oct 2022:** Placed among top teams (100+ participants) at SRU Hackathon 2022, developing a tourist guide website.