SIVASANATH KUMAR MEDAVARAPU

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Education

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ,SRI CITY ,INDIA	**2021 - 2025**

- Branch:**ECE**

ADITYA JUNIOR COLLEGE	**2019 - 2021**

- *APSCHE(Class XII), Aggregate:96.3%*

BOON SCHOOL, India	**2018 - 2019**

- *CBSE (Class X), Aggregate: 94%*

Skills

C++ | C | Java | Machine Learning | JavaScript | NodeJS | React | MongoDB | Data Science | Git

Projects

CRYPTOTRACKER	**Dec'22**

So It is a website where all types of crypto are tracked using api so that we can monitor the prices made in React.

- Integrated APIs from 10+ cryptocurrency exchanges, delivering real-time price updates, historical data, and market trends; empowered users to make informed investment decisions and increased trading volume by 50%.
- Orchestrated the user interface design, focusing on intuitive navigation, responsive layouts.

DEPLOYMENT LINK : https://crypto-tracker-pied-theta.vercel.app

Diabetes Prognosis: CatBoost ML Model Integration with Flask Web App	**Aug'23**

CatBoost ML model with 92.88% accuracy deployed in Flask web app for diabetes prognosis.

- Developed a Machine Learning model utilizing CatBoost algorithm with grid search CV hyperparameter tuning for diabetes disease prediction.
- Conducted ablation study to determine the most effective techniques, revealing CatBoost as the optimal model with 92.88% test accuracy.
- Implemented the model into a web application using Flask framework for interactive User Interface (UI).

PROJECT LINK : https://github.com/Sivasanath06/Diabetes-Prognosis-with-Flask-Web-App

Real Estate E-Commerce Website	**Feb'24**

Lead architect designed and managed home automation projects, enhancing convenience, security, and energy efficiency.

- Integrated local real estate APIs for targeted property data, enhancing site relevance.
- Developed customized search filters based on local preferences, improving user experience.
- Used user feedback to iterate and enhance site features, aligning with local market needs.

PROJECT LINK :https://github.com/Sivasanath06/Real-Estate-E-commerce

Academic and Extracurricular Achievements

- **Won Speed UI** which was conducted in our college which focuses on designing and creating the best website in limited time.
- **Runner-ups in the CrafTech** hackathon based on the IOT field.
- **Codeforces** have a maximum rating of **1129**
- **Selected for round-4 in HackOn With Amazon.**

Positions of Responsibility

STUDENT ACADEMIC COUNCIL| CLASS REPRESENTATIVE	**Aug'23 - Present**

IOTA CLUB | PR TEAM LEAD	**Aug'22- Aug'23**

- **Helped in obtaining sponsors for the club's festival (Abhisarga)**
- **Organized and conducted numerous events in partnership with various companies and startups.**