

SIVASANATH KUMAR MEDAVARAPU

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Education

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ,SRI CITY ,INDIA <ul style="list-style-type: none">Branch: ECE CGPA: 8.4	2021 - 2025
ADITYA JUNIOR COLLEGE <ul style="list-style-type: none"><i>APSCHE(Class XII), Aggregate:96.3%</i>	2019 - 2021
BOON SCHOOL, India <ul style="list-style-type: none"><i>CBSE (Class X), Aggregate: 94%</i>	2018 - 2019

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>

PREDICTING HOUSE PRICES USING MACHINE LEARNING Aug'23

Project uses machine learning, data analysis for predictive house price models.

- Data collection, preprocessing, feature engineering, exploratory data analysis, model selection, tuning, scaling, normalization, evaluation, deployment, and accessibility were all crucial steps in developing a predictive model for real estate prices.
- The model was developed using various regression algorithms, and it was continuously improved through user feedback and collaboration with cross-functional teams.

PROJECT LINK : <https://github.com/Sivasanath06/House-prices-predicting>

HOME AUTOMATION Sept'22

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

- Created a comprehensive blueprint for integrating smart devices, utilizing IoT protocols for seamless communication
- Created a centralized control interface, customized automation scenarios and optimized performance
- Continuously enhanced system through user feedback and iterative updates.

PROJECT LINK : <https://github.com/Sivasanath06/Home-Automation>

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.
- Codeforces** have a maximum rating of **1129**
- Runners-up in the Gizmocon** hackathon based on the IOT field.
- Selected for round-2 in Flipkart Grid** in the Robotics Domain.(Currently going on...)

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)**
- Organize and conduct numerous events in partnership with various companies and startups.**