Yerramalli Sai Sreekar

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PROJECTS

Decentralized Police Complaint System

April 2022 - Present

- Worked with Crust Network to implement a decentralised storage system for FIR's and Complaints
- Researched the problems of Corruption in India and Concluded that a decentralized system of police records will be way more transparent and can eliminate any sort of corruption.
- Using Crust & Javascript implemented a backend which will store user/victim's complaint on the IPFS Decentrailzed System.
- Implemented Fronted with HTML,CSS, Javascript and ReactJS which will allow victims to interact with and register their complaint.

IRIS - Full Scale Desktop Assistant

January 2022 - March 2022

- Using Python Implemented a Desktop assistant with speech recognition
- Features such as information of system, battery, weather etc can be scrapped
- Increase volume, brightness and much more, also can make custom shortcuts to invoke user specific controls.
- Made a simple Tkinter Python GUI to give more accessibility to the user and customise his/her settings.

Institution Database Management System (Pandemic)

March 2021 - May 2021

- Developed an institutional Database management system especially to cater the needs of students and institution struggling to handle the pandemic situation.
- Implemented Fronted Using HTML, BootStrap CSS which has a clean and simple UI for both students and staff to login and work on their needs.
- Constructed the Backend Using PostgreSQL and MongoDB to handle all the information regarding attendance, marks and other details of students and staff.

EDUCATION

Vellore Institute of Technology
Computer Science & Engineering
CGPA : 9.10

FIITJEE International College
Board of Intermediate Education
Percentage : 95.2%

SKILLS

<u>Languages</u>

C++   Python   HTML
CSS   SQL   MATLAB

<u>Tools</u>

VsCode   Sublime Text
GCP   Jupyter

<u>Technologies</u>

Solidity   GIT   NodeJS   Tensorflow

Position Of Responsibility

Google Developer Student Club GDSC - Competitive Programming Dept.
Organised Many Events Including Workshops about different types of Data Structures and Algorithms

HackClub - Competitive Programming Dept.
Managed and Co-ordinated HackClash Event with more than 1500 Participants

Certifications

Google Cloud Student Badges, Certifications

Introduction to Data Science in Python
University of Michigan

Operating Systems and You: Becoming a Power User (

Achievements

Google 30 Days of Cloud - Completed Both Tracks of 30 Days of google cloud(Cloud Engineering & Data Science ,Machine Learning)

Google HashCode - Top 4k World Wide Rank in Google's Biggest Optimisation Contest

Hacknight - Top 50 in Hacknight Hackathon Sponsored by Polygon & Crust Leading Technology in BlockChain and Web 3.0

Research Paper - Impact of Rapid Digitization on the Pedagogical approach taken by educators

JEE Mains - Top 2% in India's Biggest Competitive Exam

Competitive Programming

CodeChef - 1700 Rating   CodeForces - 1100 Rating