Sai Meghana Yerramsetty

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EDUCATION

Gayatri Vidya Parishad College of Engineering   Aug. 2019 - May 2023
Bachelor of Technology in Information Technology   *9.37/10 CGPA*

PROJECTS

Collaborative Code Editor | *NodeJs, MongoDB, Express, Bootstap library*   June 2020 – July 2020
- Developed a collaborative platform with code editor, chat and video call features and integrated google authentication.
- Worked with object models, MongoDB database and handlebars.
- Created real-time transactions with Socket.io with peer-to-peer server.

Virtual hover Pen | *OpenCV, python*   May 2020 – June 2020
- Worked on OpenCV library of python for color masking to get a binary mask of the target coloured pen.
- Used contour detection to detect and track the location of that pen all over the screen and applied the correct morphological operations to reduce noise in the video.
- <u>View Project</u>

Video conferencing app | *Nodejs, Express, SocketIO, UUID library*   May 2020 – June 2020
- Worked with RTC Peer Connection to create and navigate peer-to- peer connections.
- Made use of navigator.getUserMedia to capture audio and video,also used socket.io library.
- <u>View Project</u>

EXPERIENCE

Data Science Intern   September 2020 – October 2020
The Sparks Foundation
- Worked on the Prediction using Decision Tree Algorithm, Stock Market.
- Prediction using Numerical and Textual Analysis, Timeline Analysis : Covid-19.
- Performed Exploratory Data Analysis on the dataset SampleSuperstore.

Mentor   July 2020 – Oct 2020
Let's Upgrade
- Mentored for a project on building chrome extension called profile ease to easily access social media accounts at one place.

Web Development Supporting Lead   Oct 2020 – Oct 2021
Developer's Student Club, Core Team member
- Organized events and helped students grow their knowledge in a peer-to-peer learning environment and built solutions for local businesses and the community.

ACHIEVEMENTS

- Hackerrank: 5 star in problem solving id : <u>_sai_meghana_y</u>
- Codechef: 2 stars (1555 rating) id : <u>sai_meghana_y</u>

COURSES

- Coding Mafia - Coding Club: solved 300+ problems. Learnt dynamic programming and complex algorithms.
- Udemy - The Complete 2020 Web Development Bootcamp:Learnt Full-Stack Web Development

TECHNICAL SKILLS

Languages: Python, C/C++, SQL (Postgres), MongoDB, JavaScript, HTML/CSS
Frameworks: Node.js, Express, JQuery, Bootstrap
Libraries: socketIO, handlebars, peerJS, uuid, pandas, NumPy, Matplotlib