Sai Meghana Yerramsetty

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EDUCATION

Gayatri Vidya Parishad College of engineering   Aug. 2019 – May 2023
Bachelor of technology in INFORMATION TECHNOLOGY   *Grade Points : 9.37/10*

PROJECTS

Collaborative Code Editor | *NodeJs, MongoDB, Express, Bootstap, libraries*   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.

Video conferrencing app | *Nodejs, Express, SocketIO, uuid libraries*   May 2020 – June 2020
- Worked with RTCPeerConnection to create and navigate peer-to- peer connections.
- Made use of navigator.getUserMedia to capture audio and video,also used socket.io library.

EXPERIENCE

Data Science and Bussiness Analytics 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
- Being a core team member of DSC, we will be organizing events and help students grow their knowledge in a peer-to-peer learning environment and build solutions for local businesses and the community.

Campus Ambassador   Apr 2020 – Oct 2020
Coding Ninjas
- A program that brings out leadership skills and hones talent towards innovation and taking up exclusive ownership being a part of ninjas family.

EXTRA 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: React, Node.js, Express, JQuery, Bootstrap
Libraries: socketIO, handlebars, peerJS, uuid, pandas, NumPy, Matplotlib

ACHIEVEMENTS

- Hackerrank: 5 star in PROBLEM SOLVING *id : _sai_meghana_y*
- Interview Bit : 13829 points *id : sai-meghana*