Hema Sai Srinivas

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EDUCATION

B.Tech - Materials Science and Engineering | 7.42 || Jun 2019 - Jun 2023
National Institute of Technology Hamirpur

Intermediate (10+2) | 94 || Aug 2016 - May 2018
Sri Chaitanya Junior College Vishakhapatnam

Matriculation | 9.7 || May 2016
Sri Chaitanya Techno School Vishakhapatnam

EXPERIENCE

IIT HYDERABAD | Research Intern — Hyderabad | Jun 2022 – Aug 2022

- Worked on the research topic "Non metallic inclusions in steels" and has contributed to gathering experimental data from various published literatures and developed discussions based on it.
- Participated in the research group and prepared a detailed review on it.

SKYBUG TECHNOLOGIES | Web Developer — Remote | Jan 2023 – Feb 2024

- Completed all tasks given by the Team lead under the stipulated time
- Created personal portfolio page and other projects

PROJECTS

EYE CONTROLLED MOUSE ↗ — Python3 using Open CV.

- In this system the cursor movement of computer is controlled by eye movement using Open CV.
- Camera detects the Eye ball movement which can be processed in OpenCV.By this the cursor can be controlled.

PERSONAL PORTFOLIO WEBSITE ↗ — Bootstrap5 ,HTML ,CSS ,JS.

- A Portfolio based website built using Html and Css,Javascript ,hosted on GitHub

CALCULATOR ↗ — HTML ,CSS ,JS.

- A Calculator built using Html and Css,Javascript.
- Interactive interface with buttons for addition, subtraction, multiplication, and division operations .

SKILLS

Technical Skills: Python3, JAVA SCRIPT, HTML, CSS, SQL, ReactJS, Data Structures and Algorithms, Object Oriented Programming
Technology and Tools: Git, GitHub, MS office, VS Code, Atom
Soft Skills: Work Ethic, Problem Solving, Accountability, Time Management, Communication skills
Language Proficiency: English, Hindi, Telugu