Jayvardhan Rathi

SOFTWARE DEVELOPER

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Education

SRMIST(SRM Institute of Science and Technology) *Chennai,Tamil Nadu*
B.TECH IN COMPUTER SCIENCE AND ENGINEERING *Jun. 2019 - May. 2023*
- CGPA - 9.33

The Shishukunj International School *Indore,MP*
HIGH SCHOOL DIPLOMA *Jun. 2017 - Mar. 2019*
- CGPA-9.2

Work Experience

Python Developer *Remote*
TECHNOCOLABS *July 2020 – Aug 2020*
- Built a full stack weather app to display all kinds of weather data, from temperatures, to wind speeds, to humidity levels.
- Followed the Iterative Enhancement Model for the assigned weekly tasks
- Completed all the assigned tasks before the stipulated timeline and bagged a Letter of Recommendation
- Tech Stack : PyOWM API, Python, Streamlit and Plotly

Projects

Express Forecast *Remote*
GITHUB *Spring 2020*
- A full-stack python app to get various weather updates
- Used plotly for creating bar graphs and line graphs
- Tech Stack : Python,Streamlit front-end - Website Link

Sudoku Solver *Remote*
GITHUB *Spring 2021*
- Built a Sudoku solver GUI based on the backtracking algorithm
- Uses Backtracking algorithm and is 70% faster than an average human
- Tech Stack : Python and Pygame library

The Sound of Sorting *Remote*
GITHUB *Spring 2021*
- Visualizes the algorithms internals & generates sound effects from the values being compared
- Algorithms Implemented : Quick Sort , Insertion Sort
- Tech Stack : Python and Matplotlib Animations

Achievements

17-19	**Merit based scholarship**, for exceptional academic performance	*Indore, MP*
2020	**Secured position in Top 20**, out of 350 Teams in HackJaipur Hackathon	*Remote*

Technical Blogging

Technical Creator *Remote*
CRIO.DO *Winter 2020*
- Created Instructional Design for the project.
- Developed Project Flow Diagrams for easy understanding of the tasks.
- Added necessary references for in-depth exploration of the concept.

Skills

C++ | Python | HTML| CSS | MySQL |Streamlit | Matplotlib | Numpy | Socket.IO | NodeJS | Data Structures | Algorithms