Rishabh Kumar Sonkar

Frontend Developer

CONTACT

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EDUCATION

Career Accelerator Program
Prepleaf By Masai, Bengaluru
Feb 2023 - Present

Bachelor of Technology [Electrical & Electronics Engineering]
Sagar Institute of Research & Technology, Bhopal
July 2020 - Present

Higher Secondary Education
Maharishi Vidya Mandir, Bhopal
Aug 2018 - July 2020

Secondary School Education
St. Thomas Convent Sr. Sec. School, Bhopal
Aug 2016 - July 2018

TECHNICAL SKILLS

Python | Basic DSA | Git | HTML5 | CSS3 | JavaScript | Responsive Web Design

SOFT SKILLS

Problem Solving | Effective Communication | Time Management | Leadership

INTERESTS

- Badminton
- Traveling

CERTIFICATIONS

- Python (Basic)
- Problem Solving (Basic)
- Python Essentials 1

PROFESSIONAL SUMMARY

Results-driven Frontend Developer with a solid foundation in Python and DSA. Proficient in HTML5, CSS3, and JavaScript, ensuring the technical feasibility of UI/UX designs. Committed to delivering responsive and user-friendly web interfaces while optimizing applications for maximum speed and scalability. Strong problem-solving skills and attention to detail. Collaborative team player adept at adapting to changing project requirements.

PROJECTS

1. Terminal-Based Maze Solver |

Python | Git & GitHub | ANSI escape codes

- Developed a terminal-based application that generates a random maze
- Implemented various maze generation algorithms such as Recursive Backtracking, Prim's Algorithm, and Randomized Prim's Algorithm
- Implemented pathfinding algorithms including Depth-First Search (DFS), Dijkstra's Algorithm, and Breadth-First Search (BFS)
- Utilized Python's random library for generating random numbers and os library for clearing the terminal screen
- Responsible for creating a clean and visually appealing output of the maze and path

2. Terminal Typing Master |

Python | JSON | Git & Github

- Developed a terminal-based application to test typing speed
- Implemented a user-friendly interface with easy navigation
- Utilized JSON files for persistent data storage
- Designed and implemented logic for conducting typing tests
- Planned future enhancements for ongoing development

3. Social Media Content Downloader |

Python | github

- Developed a Python-based tool for downloading social media content efficiently.
- Leveraged Instaloader and Pytube libraries to enable seamless content retrieval from Instagram and YouTube platforms.
- Implemented Instaloader library to fetch data from Instagram, facilitating efficient content extraction.
- Utilized Pytube library to download both video and audio content from YouTube, ensuring comprehensive media acquisition capabilities.

ACHIEVEMENTS

- **Nasa SpaceApps Hackathon 2023,**
  Hack2skill
- **Topper in 3rd Semester ,**
  Sagar Institute of Research and Technology
- **The Rajasthan IT Day Hackathon 2023,**
  PW Skills