



UTSAB HALDER


Front-End Developer and Ai Engineer

Aspiring Font-End developer and Ai Engineer seeking opportunities to contribute to impactful projects, enhance technical expertise, and grow alongside a dynamic organization.

Contact

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Academic Details

- B.Tech. CSE(ai & ml)**
SMTCK, Kolkata
CGPA:8.42

Soft Skills

Analytical | Collaborator | Leader | Adaptable

Technical Skills

- Programming Languages:**
JavaScript, Python
- Frontend:** React.js, HTML, CSS

Core Competencies

Agile Methodologies

Software Development Life Cycle

Restful API

Debugging

Web Services

Personal Details

Date of Birth: 15th March 2000
Languages Known: English, Hindi and Bengali
Address: Murshidabad, W.B.

Profile Summary

- Font-End Developer with a strong focus on buildingscalable and user-centric web applications.
- Experienced in creating dynamic projects with seamless in front-end.
- Passionate about solving real-world problems and continuously enhancing technical expertise.
- Developed a **Portfolio website** web site using to provide seamless transcription services.
- Created a Cursor Control Using Eye system with Python, utilizing AI and computer vision for hands-free cursor control.

Projects

Portfolio Website

Tools: HTML, CSS and JavaScript

Created a portfolio website using HTML, CSS, and JavaScript, focusing on responsive design and interactive user interface features.

Responsibilities:

- Developed dynamic sections allowing users to add, remove, and organize their projects, enhancing user engagement..
- Implemented smooth navigation functionality for seamless transitions between different portfolio sections, simulating a real-world browsing experience.
- Designed and coded a user-friendly interface, ensuring a responsive layout across devices.
- Optimized front-end performance for smooth user interaction and fast load times by implementing efficient coding practices and minimizing unnecessary resources.

Achievements:

- Successfully created an intuitive and user-friendly interface, making it easy for users to navigate and interact with the portfolio.
- Implemented effective coding practices that significantly improved the website's loading speed and overall performance.

Cursor Control Using Eye

Tools: Python

Developed a system to control the computer cursor using eye movement, employing Python and computer vision techniques.

Responsibilities:

- Designed and implemented an eye-tracking system using OpenCV, enabling precise detection of eye movements.
- Integrated the eye-tracking system with cursor control algorithms to facilitate hands-free interaction with the computer.
- Optimized the system for real-time performance, ensuring minimal lag between eye movement and cursor response.
- Conducted user testing to gather feedback and improve the accuracy and responsiveness of the system.

Achievements:

- Achieved a high degree of accuracy in cursor control through continuous refinement of the eye-tracking algorithms.
- Successfully created an accessible technology solution for individuals with mobility impairments.