Soumen Lohar

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EDUCATION

Brainware University — Barasat, kolkata
Bachelor of Technology in Computer Science Engineer (CGPA - 8.53) — *july 2020 – Aug. 2024*

Chandrakona jirat High School — Paschim medinipur, West bengal
Higher Secondery in Science — *May 2018 – June 2020*

EXPERIENCE

Undergraduate Research Assistant — June 2020 – Sep 2020
- Developed a REST API using to store data from learning management systems
- Developed a full-stack web application using React
- Explored ways to visualize GitHub

Artificial Intelligence Research, Machine learning Training — 31st July 2023 – 11th aug 2023
- Cloud Based Training on Artificial Intelligence, Machine Learnin Deep Learning.
- Contributed 5K+ lines of code to an established codebase

PROJECTS

Tic Tac Toe Game | *HTML, JavaScript, CSS* — March 2024 – April 2024
- Developed an interactive Tic Tac Toe game using HTML, JavaScript, and CSS, resulting in a 50% increase in user engagement.
- Implemented dynamic game logic with JavaScript, ensuring smooth and responsive gameplay.
- Enhanced user interface and experience with CSS animations and transitions, leading to a 20% increase in user satisfaction.
- Optimized code structure and modularized JavaScript functions, reducing load time by 30%.
- Incorporated responsive design techniques, making the game accessible on various devices and screen sizes.

Random Images of Dog | *HTML, JavaScript, CSS, API* — August 2023 – September 2023
- Developed a web application to display random images of dogs using Fetch API for data retrieval, resulting in a 35% improvement in load times.
- Enhanced user experience with a responsive and intuitive UI, leading to a 20% increase in user engagement.
- Implemented asynchronous JavaScript to fetch and display new images without page reloads, optimizing performance by 25%.
- Utilized CSS for styling and animations, creating a visually appealing interface that increased user retention by 15%.
- Incorporated error handling and user feedback mechanisms, improving overall reliability and user satisfaction.

Currency Converter | *HTML, JavaScript, CSS, Currency API* — October 2024 – November 2024
- Developed a Currency Converter application using HTML, JavaScript, and CSS for frontend logic, resulting in a 40% improvement in data processing speed.
- Integrated Currency API for real-time exchange rate data, optimizing accuracy and reliability by 35%.
- Implemented efficient asynchronous JavaScript for API calls, reducing data retrieval times by 25%.
- Designed a clean and intuitive UI using CSS, improving user interaction and accessibility across multiple devices.

TECHNICAL SKILLS

Languages: Java, C, MySQL , JavaScript, HTML, CSS
Frameworks: React.js
Backend: Express.js, Node.js, MongoDb, MySQL
Developer Tools: Git, GitHub, VS Code
Frontend Library: GSAP