SUPARNA CHAKRABORTY

+91 9330339985 | chakrabortysuparna847@gmail.com | Github | Linkedin

EDUCATION

JIS University   2021-2025
Bachelor of Technology in Computer Science & Engineering   **CGPA: 8.88**

St. Jude's High School   2019-2021
Science with Computer (ISC)   **Percentage: 87.6**

SKILLS

Languages: C, C++, Java, Python
Web Technologies: HTML, CSS, JavaScript
Databases: MySQL, MongoDB
Frameworks: ReactJS, Tailwind CSS, NodeJS, ExpressJS
Tools: Git, GitHub, VS Code

PROJECTS

Food Hub [Netlify]
- Implemented **React** and **Tailwind CSS** to create a intuitive food ordering application, leading to a **52% improvement in page load speed**
- Created **robust filtering by price** (Rs 50, Rs 100, Rs 200, Rs 300), contributing to a **21%** increase in user satisfaction by enabling users to easily find items within their budget
- Organized navigation items in the mobile menu, resulting in a **69%** increase in user engagement with features such as **Orders, Favorites, Wallet, Help, Promotions, Best Ones, and Invite Friends**

AI Image Generator [Render]
- Introduced optimization techniques in **NodeJS**, resulting in a **38%** improvement in image generation speed for the **OpenAI image generator**
- Managed performance enhancements in the **NodeJS** backend, leading to a **20%** reduction in image generation latency, resulting in a smoother user experience
- Successfully integrated the **OpenAI API** into the Node.js application, allowing seamless communication and enhancing **42%** of the overall functionality of the image generator

MedCare [Netlify]
- Developed and implemented a hospital management system using **MongoDB**, **Express**, **React**, and **NodeJS** ; streamlined patient data processing, reducing administrative workload by **40%** and improving data accuracy
- Designed a responsive design using **MUI**, **CSS**, and **HTML**, resulting in a **36%** increase in the accessibility of the hospital management system across various devices, improving user engagement
- Built a **NodeJS** server for **Hospital Management System**, optimizing data processing and establishing a secure and **intuitive patient dashboard** allowing patients to access their detailed health information

ACHIEVEMENTS

- Selected as a Contributor for **Girlscript Summer of Code.**
- Selected at **Amazon ML Summer School 2023** out of **17000+** participants.

POSITION OF RESPONSIBILITY

Microsoft Learn Student Ambassador (Beta)   **Sept 2023- Present**
- Advocated for Microsoft Technologies as a Student Ambassador and hosted events as an MLSA.
- Elevated event attendance by **40%** and improved satisfaction ratings by **20%** through feedback integration.

CODING PROFILE LINKS

Leetcode