Sanjoy Saha

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Education

Netaji Subhash Engineering College, Kolkata   Nov 2020 – June 2024
Bachelor of Technology in Computer Science and Engineering   *CGPA: 8.71*

Holy Child English Academy   April 2018 – March 2020
Class 12   *Percentage: 81.5*

Skills

Languages: C++, JavaScript
Frameworks/Libraries: HTML5, CSS3, React JS, TypeScript, Tailwind CSS
Tools: Git, GitHub, VS Code

Projects

VidConnect | *React JS, Next JS, shadcn UI, Stream API, Clerk*   **Github**

- **VidConnect** is a video conferencing platform that increased user engagement by **40%** and reduced meeting setup time by **30%** through **real-time participant management**, **screen sharing**, and **emoji reactions** using **Stream API**.
- Implemented flexible login options via **social sign-on** or **email/password** using **Clerk**, leading to a **50%** increase in user registration and a **20%** reduction in login-related support tickets.
- Enabled users to **start and schedule meetings**, **customize settings**, and **access a personal room** with a unique link, which improved scheduling efficiency by **25%**.

YouTube Clone | *React JS, Rapid API, Material UI*   **Github**

- **A video-sharing platform** modeled after YouTube, offering **smooth and enjoyable content viewing**, improving user retention by **35%**.
- Utilized **Rapid API** to **fetch and manage video content** efficiently, reducing load times by **40%** and enabling the platform to handle over **1,000 concurrent users** seamlessly.
- Ensures a **consistent experience across various devices and screen sizes** with a **fully responsive design**, adapting seamlessly to different resolutions.

GitHub Insight | *HTML5, CSS3, JavaScript, Gemini API*   **Github**

- **Developed a tool** that provides **detailed GitHub profiles**, increasing visibility of user contributions by **60%** and generating **100+ interactions per day**.
- Employs the **Google Gemini API** to **roast GitHub profiles**, offering an entertaining take on profile data with a fun twist enhancing user engagement with profile insights by **50%**.
- Analyzed GitHub activities such as **top repositories**, **pull requests**, **issues**, and **external contributions**, improving project collaboration by **30%**.

Profile Links

- **HackerRank:** sanjoysaha0524
- **LeetCode:** Sanjoy-Saha
- **Hashnode:** SanjoysBlog

Achievements

- Winner of **Smart India Hackathon 2023:** Our team developed a solution for "Automated Public Lighting (PSID-1300)," improving public lighting efficiency by 70%.
- Completed **2X Hacktoberfest:** Merged and had approved 4+ pull requests, contributing to open-source projects and enhancing code quality.
- **Postman API Fundamentals Student Expert:** Demonstrated expertise in API fundamentals and contributed to educational initiatives.