Pratyush Kumar Saha

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Education

Sister Nivedita University – Kolkata   *Jul 2025*
B.Tech in Computer Science & Engineering

CGPA - 7.8

Techno India Group Public School – Siliguri   *Mar 2021*
XII (CBSE) - 78%

Narayana Schools – Siliguri   *Mar 2019*
X (CBSE)- 83%

Work Experience

Web Developer Intern – Zidio Development   *Aug 2024 – Oct 2024 | Remote*

- Developed and maintained frontend using React JS, focusing on designing a responsive and high-performance landing page that significantly reduced load times.
- Handled backend development with Node JS and ExpressJS, including designing database schemas and integrating APIs using MongoDB.
- Led a team of 7 members by assigning tasks, reviewing code, and merging changes to the main branch to ensure code quality and timely delivery.
- Collaborated closely with team members to maintain project workflow and uphold development standards.

Web Developer Intern – Cognifyz Technologies   *Jul 2024 – Aug 2025 | Remote*

- **Responsive Web Page Development:** Built a fully responsive web page using **HTML, CSS**, and **JavaScript**, implementing interactive UI functionality and ensuring cross-device compatibility.
- **Form Validation System:** Developed a complete **client-side form validation** module using JavaScript, including input validation, error handling, and UX-focused feedback.
- • **Dictionary Web Application (API Integration):** Created a functional **dictionary application** and integrated a **third-party REST API** to fetch real-time word definitions, pronunciations, and examples. Implemented dynamic rendering and error management for seamless user experience.

Projects

Tranquilo - AI Powered Mental Health Chatbot   *Apr 2025*

- Developed a mental health chatbot using the Botpress framework and MERN stack to create a responsive web application.
- Implemented Retrieval-Augmented Generation (RAG) technique in the AI chatbot to assess the severity of mental health conditions and respond appropriately.
- Designed and built the entire project independently, focusing on delivering a user-friendly interface and accurate mental health condition detection.

SK - Enterprise   *Oct 2025*

- Developed a full-stack website using the MERN stack to showcase products including sluice gates and nuts and bolts.
- Managed both frontend and backend development to deliver a seamless user experience.
- Utilized Chrome Lighthouse to optimize website performance, SEO, and responsiveness, ensuring high-quality standards.
- Delivered the project successfully to the client, enabling effective product presentation and improved online visibility.

Skills

Programming Languages: Python , C++, C
Database: MongoDB, PostgreSQL , MySQL
Version Control: Git, Github
Operating System : Linux, Windows

Languages

English (Fluent), Hindi (Fluent), Bangla (Fluent)