Pulak Sen

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github

Objective

A Front-End Web Developer with a strong foundation in HTML, CSS, JavaScript, and frameworks like React and Next.js. Passionate about building responsive, user-friendly interfaces and learning new technologies.

Education

South Asian University, New Delhi 🔗 , M.Sc. in Computer Science   August 2021 – June 2023

- GPA: 5.85/9
- **Coursework:** Computer Organization and Design, Mathematical Foundations of Computer Science, Blockchain Technology, Cryptography and Network Security, Theory of Computation, Design and Analysis of Algorithms, IoT

A.P.C Roy Govt. College, Siliguri 🔗, B.Sc. in Computer Science   July 2018 – August 2021

- GPA: 8.57/10
- **Coursework:** Discrete Structures, Software Engineering, Programming Fundamentals using C, Programming in JAVA, Data Structure, Operating System, Networking, DBMS, Computer System Architecture, Numerical Method

Projects

Collaborative White Broad   Source code 🔗   Live Demo 🔗

- Developed a real-time collaborative whiteboard application using **Next.js, Clerk, and Convex**. The platform allows teams to draw, create sticky notes, and collaborate visually with secure authentication and instant update.
  - Implemented **multiplayer presence** with live cursors and real-time board synchronization.
  - Built a **responsive UI** featuring toolbars, shape tools, and modals with Tailwind CSS.
- Tools used: Next.js, React, TypeScript, Shadcn, Clerk, Convex, Liveblocks, Tailwind CSS

Doctor Appointment Booking System   Source code 🔗   Live Demo 🔗

- A full-stack web application built with **Next.js, TypeScript**, and **Appwrite** that allows patients to request appointments with doctors and admins can to manage, schedule, or cancel requests with real-time data updates
  - Patients can fill in detailed personal, medical, and contact information, upload identity proof, and choose a preferred doctor and appointment date.
  - Admins dashboard showing recent appointments and counts of pending, scheduled, and cancelled bookings.
- Tools used: Next.js, TypeScript, Tailwind CSS, ShadCN UI, Appwrite, Zod (form validation).

GPT-3   Source code 🔗   Live Demo 🔗

- Developed a modern, responsive landing page inspired by OpenAI's GPT-3, demonstrating clean UI design and component-based architecture. The project showcases front-end development skills and attention to detail.
  - Developed a responsive layout using React components and modular CSS styling.
- Tools used: HTML, CSS, React

Skills

Languages: JavaScript, TypeScript, C, Java, SQL

Framework/Library: React.js, Next.js, Node.js, Express.js, Redux Toolkit, Axios, Tailwind CSS

API Integration: RESTful APIs, Fetch API, Axios

Database: MySql

Version Control: Git, GitHub