

PRITAM ROY

Silchar, Assam |  Email | [Linkedin](#) | [GitHub](#) | Ph. No : 7896071914

TECHNICAL SKILLS

HTML, CSS, JavaScript	Websockets	C++, C
Node.js	Next.js	Data structures and algorithms
React.js, Tailwind CSS	Mongodb, SQL	Firebase

PROJECTS

(Freelance project) E-commerce website with admin panel for rajasthan based client

- Created the figma design of the webiste.
- Included services like shipping (shiprocket) and payment gateway (razorpay) along with admin panel.
- Used services like cloudflare R2 bucket storage for storing the large number of images.
- Hosted the website backend and frontend on hostinger VPS.
- Technologies : Next.js | zustand | auth.js

Realtime AI Assisted Code Editor and collaboration Tool

- Used monaco editor and implemented Tree Data Structure for simulating file structure.
- Real Time code collaboration feature with live cursor.
- Implemented in-room chat functionality.
- Technologies : MongoDB | mongoose | socket.io | Next.js | express.js | node.js

Personal Finance Tracker

- Created a personal finance tracker as an a hackathon project.
- Used visualization libraries like Chart.js for interactive charts and bar graphs with animations.
- Technologies: Chart.js | Next.js | mongoDB | mongoose

AI Companion with SST, TTS and Image generation

- Implemented speech to text and text to speech.
- Finetuned and deployed dream and used it booth (stable diffusion) to generate images.
- Implemented auto messaging to simulate real life chats.
- Technologies: Pollinations.ai | React.js | Next.js

ACHEIVEMENTS

- 2nd runner up at Haxplore 2025 organized by IITBHU
- Pupil on [codeforces](#) with max rating of 1222
- Solved over 300 problems on platforms like codeforces, leetcode and geeks for geeks

EDUCATION

Metriculation (SEBA Board) P.R.E.M. High School, Hailakandi, Assam	2019- 2020 GRADE: 81.4
Intermediate with PCM (ASHEC Board) R.G.S.S. School, Silchar, Assam	2021 - 2023 GRADE: 83.8
B.Tech - Computer Science and Engineering National Institute of Technology (NIT), Jamshedpur	2023 - Present CGPA: 8.87

EXPERIENCES

- Designed the website for the machine vision lab of NIT JSR.
- Member of official web team of NIT JSR, involved in maintaining the official website of our college.
- Helped fellow students in multiple freelancing projects.
- Contributed in migrating the college website from react.js to next.js.