

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

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

- Created the figma design of the website.
- Included services like shipping (shippo) 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

Frontend for the machine vision lab website of NITJSR

- Worked in a team of four developers and built the entire frontend for the MVI lab.
- Integrated backend built using Strapi CMS.
- Framework Used : Next.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.
- 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.
- Fine-tuned and deployed stable diffusion model and used it to generate images.
- Implemented auto messaging to simulate real life chats.
- Technologies: Pollinations.ai | React.js | Next.js

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

ACHIEVEMENTS/ POSITIONS OF RESPONSIBILITY

- 2nd runner up at Haxplore 2025 organized by IITBHU
- Member of official web team of NIT JSR, involved in maintaining the official website of our college.
- Designed the website for the machine vision lab of NIT JSR.
- Helped fellow students in multiple freelancing projects.
- Contributed in migrating the college website from React.js to Next.js.