

SAPTRISHI MAJUMDAR

Kolkata, West Bengal | saptrishi.phoenix@gmail.com | +91-7044697388 | GitHub: github.com/xSaptrishi

PROFESSIONAL SUMMARY

B.Tech Computer Science and Engineering graduate with a strong interest in web development and software engineering. Skilled in developing user-friendly web applications using HTML, CSS, JavaScript, React, and Node.js. Experienced in building hands-on projects involving full-stack development, AI-assisted healthcare applications, contract and price negotiation platforms, and interactive weather visualization. Passionate about learning modern technologies, solving problems, and contributing to software development projects.

OBJECTIVE

To begin my career as a Software Engineer, Frontend Developer, or Full-Stack Developer in a growth-oriented organization where I can apply my technical skills, contribute to real-world projects, and continuously enhance my knowledge and professional capabilities.

SKILLS & INTERESTS

Programming Languages: C++, JavaScript

Database: MySQL, MongoDB

Frontend: HTML, CSS, JavaScript, React (Basics)

Backend: Node.js, Express.js

Tools: Git, GitHub, VS Code

Interests: Full-Stack Development, UI/UX Exploration, AI in Healthcare Applications

PROJECTS

Framsure – Contract & Price Negotiation Platform

- Developed a platform to connect farmers and buyers for secure contract creation and negotiation.
- Designed backend APIs using Node.js/Express and integrated MongoDB for data persistence.
- Implemented JWT authentication and role-based access control.

MediAssist AI – AI-Assisted Healthcare Web Application

- Developed an AI-assisted healthcare platform providing symptom-based guidance and healthcare assistance.
- Integrated a Generative AI API with a Node.js/Express backend for real-time healthcare responses.
- Built responsive frontend interfaces using React for chat-based user interaction and symptom input.
- Implemented REST APIs, user authentication, and chat history management for a seamless user experience.

Sky-Track Asia – Interactive Weather Visualization Platform

- Customized an interactive weather visualization platform focused on Asian regions using React and Cesium.
- Implemented map-based weather tracking and dynamic geographic visualization features.
- Enhanced frontend UI and optimized region-focused weather interaction workflows.
- Worked with real-time weather rendering and frontend component customization.

EDUCATION

Bachelor of Technology (B.Tech) in Computer Science and Engineering

Heritage Institute of Technology, Kolkata, West Bengal

October 2022 – June 2026

Senior Secondary Education (Class XII) – PCM Stream

V N Vidya Mandir, Sec 2 Dhurwa, Ranchi, Jharkhand

Secondary Education (Class X)

M B DAV Public School, Lohardaga, Jharkhand

CERTIFICATION

Web Development Course – Udemy

June 21, 2025

LANGUAGES : English/ Hindi/Bengali