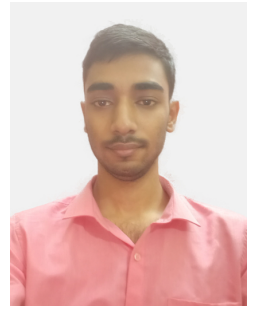


TANMOY MAJEE

Kolkata, West Bengal

☎ +91-6290580590 ✉ tanmoymajee239@gmail.com in 🔗 </>

Enthusiastic developer who enjoys building tech and taking on new challenges. Skilled in both frontend and backend development, with strong capabilities in designing and optimizing backend architectures. Proficient in the MERN stack, with expertise in data structures, algorithms, and competitive programming



Education

Heritage Institute of Technology

B.Tech in Computer Science and Business System

CGPA: 8.52 (Till 6th sem)

2023-26

Acharya Prafulla Chandra Ray Polytechnic

Diploma in Computer Science and Technology

CGPA: 8.5

2020-23

Budge Budge P.K. High School

West Bengal Council of Higher Secondary Education (WBCHSE)

Percentage: 88.4

2020

Budge Budge P.K. High School

West Bengal Board of Secondary Education (WBBSE)

Percentage: 78.4

2018

EXPERIENCE

AI Awlah

Generative AI & Full Stack Developer Intern

Jun 2025 – July 2025

Remote

- Contributing to GenAI-powered web applications using the MERN stack.
- Built a weather application using Gemini AI to provide location-based forecasts and responses.
- Followed industry best practices for clean code, debugging workflows, and performance optimization.

PROJECTS

RagIt 🔗 🔗 | React, TypeScript, Node.js, Prisma, Firebase, Qdrant

Jun 2025 – Jul 2025

- Developed an AI-powered PDF Q&A platform enabling users to upload documents and query them using natural language.
- Integrated Firebase authentication, document embedding, semantic search with LangChain and Qdrant, and persistent chat history for context-aware responses.
- Used React with TypeScript for frontend, Node.js and Express for backend, Prisma ORM for database management, Firebase for authentication/storage, and Qdrant as the vector database.

Chat App 🔗 🔗 | MERN Stack, Socket.IO, MongoDB

Feb 2025 – Mar 2025

- Developed a dynamic, real-time messaging platform supporting both one-to-one and group chats.
- Implemented user authentication, live message updates using Socket.IO, and an intuitive chat interface.
- Used React for the frontend, Node.js and Express for backend services, MongoDB for data storage, and Socket.IO for real-time communication.

Blog Application 🔗 🔗 | MongoDB, Express.js, React, Node.js

Nov 2024 – Dec 2024

- Built a dynamic blog platform where users can create, read, update, and delete posts.
- Implemented user authentication using JWT, post creation/editing with image uploads, and a comment section for user interaction.
- Technologies used include MongoDB for storing posts and comments, Express.js for backend APIs, React for the UI, and Node.js for server logic.

Technical Skills

Languages: C++,HTML, CSS, Javascript , Java

Libraries: React , Express , Socket.io

Databases: Relational Database(mysql) , MongoDB

Tools Platforms: Git, Postman, Docker

Relevant Coursework: Database Management System, Data Structures & Algorithms

Achievements

- Solved 600+ problems across all platforms, specifically 400+ on LeetCode🔗
- LeetCode Biweekly Contest 161 : Ranked 2547 out of 31670, Max Rating: 1511
- Max Rating of 1002 in CodeForces🔗