ABHRADIP MANDAL

B.Tech Student – Computer Science and Engineering

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Summary

I am a dedicated B.Tech student specializing in Computer Science and Engineering (CGPA 8.08/10 up to 5th sem). I build full-stack web applications using the MERN stack with strong skills in Python, JavaScript, and SQL. I enjoy problem-solving, clean UI engineering, and staying active through sports and creative arts.

Education

B.Tech, Computer Science and Engineering 2022 – 2026
Narula Institute of Technology, Kolkata   Kolkata, West Bengal

Higher Secondary (Science) 2019 – 2021
Moukhali G.G. Vidyalaya   South 24 Parganas, West Bengal
Percentage: 84.8

Certification

- CSS (Basic) — HackerRank
  Basic CSS certification from HackerRank
- Responsive Website Development — Coursera
  Certification in responsive website development
- Java (Basic) — HackerRank
  Basic Java certification from HackerRank
- Object Oriented DSA in C++ — Coursera
  Object-oriented data structures and algorithms
- Problem Solving (Basic) — HackerRank

Projects

SCATCH — Bag Selling Website (MERN Stack)
01/2025 – 01/2025
E-commerce platform for bags using MongoDB, Express.js, React.js, and Node.js.

- Built a complete platform with authentication, admin product management, shopping cart, and checkout.
- Implemented discount logic, profile management, and dynamic product handling via secure admin dashboard.
- Integrated JWT-based auth; used MongoDB for persistence; React + Tailwind CSS frontend; Express.js backend.

Real-Time Multiplayer Chess Game (MERN + Socket.IO)
01/2025 – 01/2025
Real-time multiplayer chess game with WebSocket communication.

Strengths

 Communication Skills
Good communication skills

 Analytical Ability
Strong analytical approach

 Team Player
Works well in collaborative settings

 Work Ethic
Hard-working and accountable

Skills

C/C++ Python Java JavaScript Node.js Express.js
React MongoDB SQL JWT HTML CSS Tailwind
Git/GitHub VS Code PyCharm E-Commerce Data Structures
DBMS Sketching Cricket Chess Football

Interests

 Creative Pursuits
Sketching, drawing, painting

 Sports
Chess, cricket, football

- Two-player gameplay with valid move detection and restart/reset functionality.

- Added spectator mode to view ongoing matches in real time.

- Implemented turn-based synchronization using Socket.IO; handled multiple matches concurrently.