

Debojeet Mitra

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EDUCATION

- **Pranveer Singh Institute of Technology, Kanpur** Aug 2022 – May 2026
 - Bachelor of Technology in Computer Science (AIML)
- **City Model School, Kanpur** Aug 2021 – May 2022
 - Senior Secondary (Class XII - ICSE), Percentage: 76%
- **St. Thomas School, Kanpur** Aug 2019 – May 2020
 - Secondary (Class X - ICSE), Percentage: 92%

PROJECTS

- **AI HireSync | *Next.js, Convex, Clerk, Stream.io, Groq*** Feb 2026
 - Built an AI-powered remote interview platform combining real-time video communication, AI-generated interview questions, and collaborative coding.
 - Implemented role-based dashboards for interviewers and candidates to schedule interviews, manage sessions, and access recordings.
 - Integrated AI question generation using Llama 3.3 (via Groq) based on role and difficulty level.
 - Developed a low-latency interview room using Stream Video SDK with grid/speaker layouts and an in-call AI question side panel.
 - Designed a collaborative multi-language code editor (JavaScript, Python, Java) with a resizable workspace.
 - **Live:** ai-hire-sync-by-debojeet.vercel.app **GitHub:** github.com/debojeetmitra/AI-HireSync-ByDebojeet
- **CHATTY | *Node.js, Express, WebSocket, MongoDB*** Aug 2025
 - Developed a real-time chat application enabling instant messaging using WebSocket-based communication.
 - Implemented secure user authentication and authorization.
 - Added group chat functionality allowing users to manage multiple conversations.
 - Optimized the application for both desktop and mobile responsiveness.
 - **Live:** chat-app-uiqr.onrender.com **GitHub:** github.com/debojeetmitra/CHAT_APP
- **BuyBuddy | *React.js, Context API*** Mar 2025
 - Built a fully functional React-based e-commerce shopping cart application.
 - Implemented global state management using Context API for cart and product data.
 - Developed product search and filtering features to enhance product discovery.
 - Designed smooth add-to-cart interactions for improved user experience.
 - **Live:** debojeet-buybuddy.netlify.app **GitHub:** github.com/debojeetmitra/buy-buddy

SKILLS

- **Languages:** C/C++, JavaScript (ES6+), TypeScript, Java, SQL, HTML/CSS
- **Frontend:** React.js, Next.js (App Router), Tailwind CSS, Shadcn UI, DaisyUI
- **Backend:** Node.js, Express.js, REST APIs, WebSocket, Socket.io
- **Databases & Backend Services:** MongoDB (Mongoose), Convex (Real-time Backend), Neon
- **AI & Cloud Services:** Google Generative AI (Gemini), Groq Cloud (Llama 3.3)
- **Auth & Realtime:** Clerk Authentication, Stream Video SDK
- **Tools & Platforms:** Git, GitHub, VS Code, Postman, Render, Vercel
- **Core CS:** Data Structures & Algorithms, Object-Oriented Programming
- **Soft Skills:** Problem Solving, Debugging, Communication, Team Collaboration, Quick Learner

ACHIEVEMENTS

- Solved 300+ Data Structures and Algorithms problems on LeetCode.
- Achieved a LeetCode contest maximum rating of 1517.
- Participated in Naukri.com Aptitude Test, demonstrating strong logical and quantitative skills.