

# Sayan Banerjee

B.Tech (CST) — Full Stack Developer

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Portfolio | GitHub | LinkedIn | LeetCode

## OBJECTIVE

Motivated Computer Science student with strong skills in full stack web development, seeking an entry-level software engineering role to apply hands-on project experience and problem-solving abilities.

## EDUCATION

- Narula Institute of Technology** Kolkata, West Bengal  
*BTech in Computer Science and Technology; CGPA: 8.1* Oct 2023 – Jun 2026
- Berhampore Polytechnic College** Berhampore, West Bengal  
*Diploma in Computer Science and Technology; GPA: 8.9* Aug 2020 – Jul 2023

## EXPERIENCE

- 10X Academy** Remote  
*Frontend Mentor (Intern)* Jan 2023 – Jun 2023
  - Mentored 50+ learners:** Guided beginners on HTML, CSS, JavaScript, and React; provided code reviews and technical support.
  - Facilitated learning:** Helped students debug issues and adopt best practices in responsive web design.

## PROJECTS

- Meet Cam - Video Conferencing Application** Live Demo | GitHub
  - Developed a full-stack group video calling app with real-time chat, authentication, and host controls. Tech: Node.js, Express, WebRTC, Socket.io, MongoDB.
- YouTube Clone Backend API** Live Demo | GitHub
  - Built a scalable REST API for a video platform with user authentication, video upload/streaming, and content management. Tech: Node.js, Express, MongoDB, Cloudinary.
- Mega Blog - Full Stack Blogging Platform** [Developing] GitHub
  - Built a full-stack blogging platform with user authentication, post creation, and content management. Tech: React, Appwrite, Redux Toolkit, TailwindCSS.

## TECHNICAL SKILLS

- Programming Languages:** JavaScript, Java, HTML5, CSS3, SQL
- Frontend Technologies:** React.js, Redux Toolkit, Tailwind CSS, Responsive Web Design
- Backend Technologies:** Node.js, Express.js, RESTful APIs, Socket.io, WebRTC
- Databases:** MongoDB, MySQL, Mongoose ODM
- Tools & Technologies:** Git, GitHub, VS Code, Vite, JWT, Bcrypt, Multer, Cloudinary
- Core Concepts:** DSA, OOP, DBMS, CN, OS

## ACHIEVEMENTS & CERTIFICATIONS

- Programming Practice:** Solved 300+ problems on LeetCode and completed DSA programs.
- JavaScript Expertise:** Strong grasp of JavaScript fundamentals, ES6+, and async programming.  
GitHub: Advance JavaScript

## EXTRACURRICULAR ACTIVITIES

- Martial Arts & Content Creation:** Karate practitioner since 2017; YouTube content creator.
- Public Speaking & Cultural Activities:** Debate and singing competitions, enhancing communication skills.