

# Mayukh Bhowmik

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## EXPERIENCE

### Frontend Development Intern

Jul'25 – Sep'25

Websofttechs (Hybrid)

- Built and optimized **UI components** using **jQuery**, **HTML5**, **CSS3**, and **JavaScript** for the company's in-house product.
- Improved cross-browser compatibility and responsiveness, collaborating with the team to enhance user experience.

## PROJECTS

### Brainwee - Brain Tumor Detection Platform | Source Code | Try Chatbot

Feb'25 – Mar'25

- AI-based web platform to detect and segment brain tumors from MRI scans using **CNN-based deep learning models**.
- Designed responsive UI using **HTML**, **CSS**, **Tailwind**, **JavaScript** with pages like Homepage, Dashboard, and Chat Support.
- Integrated a chat system powered by **OpenAI's GPT-4 Turbo**, trained specifically for queries related to brain tumors.

### Guruji – AI Career Coach for Professional Success | Live | Source Code

Jan'25 – Feb'25

- Developed an **AI-powered platform** offering **personalized career guidance**, **interview prep**, and **resume building**.
- Built responsive UI using **Next.js** and **Tailwind CSS** for seamless experience across devices.
- Used **Google Gemini**, integrated authentication and user management with **Clerk**, and handled events using **Inngest**.
- Backed by **MongoDB** and **Neon DB** for real-time data and analytics.

### Collaborative Drawing App | Live | Source Code

Jan'25 – Feb'25

- Designed and built a drawing app using **React.js**, **Tailwind CSS**, **JavaScript**, and **Canvas API**.
- Enabled users to generate unique canvases, increasing user engagement by **40%**.
- Developed and integrated **drawing tools** like brushes, shapes, and color fill options, expanding toolset by **50%**.

## ACHIEVEMENTS

### Winner – Vision-Hack 2024

Event Link

- **Winner** in **Smart India Hackathon (Internal)** at intra-college level.
- Secured **1st Position** among **143 Teams** in an inter-college hackathon.
- Finalist at **DriveBlaze**, **Hack-Synthesis**, **Innovathon**, **Diversion (MLH)**, **InnovoCon** (2024–25).

### Problem Solver (Rated 1472) | LeetCode

Profile Link

- Solved **324+** algorithmic problems on LeetCode.
- Ranked **3119/34384** globally in Weekly Contest 427.
- Solved **350+** questions on platforms like **GFG**, **CSES**, **InterviewBit**, etc.

## TECHNICAL SKILLS

- **Programming Languages:** C++, C, JavaScript.
- **Libraries & Frameworks:** React, Next.js, Tailwind CSS, Express.js, Node.js.
- **Database & Backend:** MongoDB, MySQL.
- **Tools & Software:** Git, GitHub, GitLab, Postman, VS Code, Sublime Text.

## EDUCATION

### Netaji Subhash Engineering College

Kolkata, West Bengal

B.Tech in Computer Science and Engineering (3rd Year)

Jul'22 – Present

- CGPA: **7.86/10.0**
- Relevant Courses: C Programming, Data Structures, Algorithms, DBMS, OOP, Computer Networks.

### Barisha High School

Kolkata, West Bengal

12th (PCMB), WBCHSE Board

Jun'19 – May'21

- Percentage: **87.8%**