

Sourabrata Bose

Fullstack *Web* and *Hybrid Mobile* application developer in *JavaScript/TypeScript* and *React Native*

 [GitHub](#)  [Medium](#)  [LinkedIn](#)  [Portfolio](#)  [G-Mail](#)  [Contact Number](#)

EDUCATION

Indian Institute of Information Technology, Kalyani

April 2025

B.Tech in Computer Science Engineering

Current GPA: 7.75

Apeejay School, Saltlake, Kolkata

July 2020

Higher Secondary education in Science under CBSE board

Percentage: 92.33%

SKILLS

Languages : C/C++, Java/Kotlin, Python, JavaScript/TypeScript, HTML/CSS, Rust

DevOps : GitHub Actions, Docker, Kubernetes, Ansible, Workspaces, Linux Admin, AWS EC2 and S3

Frameworks : React.JS, TailwindCSS, React Native / Expo, Bun.JS, Elysia.JS, Next.JS, Web3.JS


Databases and ORMs : PostgreSQL, MySQL, MongoDB, Redis, DrizzleORM, MongooseORM

Relevant Coursework: Computer Architecture, Database Management Systems, Operating System, Computer Networks


PROJECTS

Digital Quill  | *NextJS, TypeScript, PostgreSQL, DrizzleORM, MDX, Zod, ShadCN* August 2024 – November 2024

- SEO optimized fullstack web blog application featuring RSS feed, robots.txt and sitemap. Folder and file based routing and dynamic metadata generation. Dynamic routing for fetching a single MDX post.
- Intuitive UI built using ShadCN. Optimized client-side performance using React Server components and server-side site generation. Improved accessibility by aria-label tagging. Render performance optimized by react compiler.

Babble  | *JavaScript, ChakraUI, MongoDB, MongooseORM, Socket.IO, NodeJS, ReactJS* February 2024 – June 2024

- Developed a full-stack socket based live chat application for real time communication and file sharing. It allows users to create accounts, join chat rooms, and engage in real-time conversations with other users.
- With features like user authentication, group chats, and more, Babble provides a seamless interactive experience.

Quizzard  | *ReactNative, Expo, NativeWind, BunJS, Kotlin, TypeScript* March 2025 - April 2025

- Developed an fullstack hybrid React native mobile app to host a quiz platform featuring role-based user authentication. Simple form-based user interface makes quizzes intuitive and allows questions of multiple formats.
- Participants can take any quiz under the organization they are part of or know the quiz id. Quiz masters can host quizzes independently or as an organization. Quiz masters set and check the quiz answers.

EXPERIENCE

CodeCubes | *Core Member and Organizer, On-Site* December 2021 – December 2024



- Involved in the club's programming sessions and coding contests. As an organizer, created coding questions.

CodSoft  | *Web Developer Intern, Remote* March 2025 - April 2025


- Created a Live Job board. Employers can post jobs with job requirements, and job seekers are notified according to their profile. Uses MongoDB for storage and ExpressJS middleware for authentication and orchestration.
- Created a Quiz hosting platform. Hosts can post quizzes with unique IDs and participants can join and take quizzes within valid constraints. Hosted using AWS EC2 and S3 for object and file data storage.
- Optimized the website responsiveness for Mobile/Tab compatibility, achieving a 70% cross-platform success rate.

CODING PROFILES

Competitive Programming February 2023 – Present

- 100+ questions solved on LeetCode with 1560+ contest rating | 
- 175+ questions solved on GeeksForGeeks with 1450+ contest rating | 

Opensource Contribution February 2024 – Present

- Script for regularly updating Cloudflare DNS record with hosts IPv4 address bypassing CG-NAT resolution | 

Certifications: Udemy | Complete JavaScript , Skillshop | Google Analytics , AWS | Cloud Essentials 