Sourasish Biswas

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Education

RCC Institute of Information Technology   *Sep 2022 – July 2026*
B.Tech in Information Technology

- **GPA:** 7.64/10.0 ([semester-marksheets](#) ↗)
- **Coursework:** Object Oriented Programming, Operating System, Database Management System, Computer Networks, Software Engineering.

Technical Skills

- **Programming Language:** C, Java, Javascript
- **Subjects:** Database Management System, Object Oriented Programming, Data Structures and Algorithms, Computer Networks, Operating System
- **Frameworks:** Node JS, React JS, Express JS, Spring-Boot
- **Version Control:** Git, Github
- **Database:** PostgreSQL, Supabase SQL

Projects

Family Health Management App (In Progress)   *Saarthi Backend* ↗

- Currently developing a secure REST API backend in Spring Boot for a React Native mobile app connecting family members to share and access health records.
- Implementing user sign-up and profile update APIs with **authentication** with **Clerk and Spring Security**
- Building **PDF upload** and local storage functionality for health records, enabling cross-family access within the app.
- Integrating the **Gemini AI API** to analyze uploaded PDFs and produce AI-driven health insights.
- Developing an API to retrieve disease-specific YouTube videos, providing educational content based on AI findings.
- Tech stack: **React-Native, Supabase SQL, Git, Spring-Boot**

Departmental Tech Fest Website (2025-2025)   *IMeeT* ↗

- Developed a **full-stack event registration and management** platform for the annual tech fest.
- Efficient data handling and management with **backend APIs using Node JS, Express and SQL**.
- Designed scalable database structure using optimized **SQL queries**.
- **Secured APIs using CORS policies** and endpoints for frontend-backend communication.
- Enhanced user experience using a **React.js frontend to fetch, display and manage** event data.
- Streamlined the event registration and management process for participants and organizers.
- Tech stack: **Node JS, Express, Supabase, SQL, React JS, CORS, Git**

Achievements

- **Smart Bengal Hackathons** 2023 **finalists** among 100+ teams
- **Finalists** in **Geekonics** among 100+ teams organised by **Techno India University**
- Solved **200+ problems** on platforms like GeeksForGeeks: [iron](#) ↗, Leetcode: [sammy](#) ↗
- Ranked among **top 10** in college **coding competition by RccTecz**, hosted on **HackerRank** in **1st semester**
- **Full Stack Web Development** Course Completion Certificate 2023