

Subhadeep Dhar

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EDUCATION

- **RCC Institute of Information Technology (RCCIIT)** Kolkata, West Bengal, India
Bachelor of Technology in Computer Science and Engineering; CGPA: 7.96 Nov 2022 – Jun 2026

EXPERIENCE

- **Natsary** Remote
SDE Intern APR 2025 – Present
 - As a SDE Intern, I focused on backend development, ensuring seamless communication between the app and APIs. I refactored the codebase to improve maintainability and scalability while optimizing the execution flow for better performance.
 - **Tech Stack:** NodeJS, Express, Typescript, MongoDB, AWS, REST APIs, Docker
- **Buybox** Remote
Backend Developer November 2024 – June 2025
 - Worked as a Backend Developer, building a scalable system, adding critical features, and improving the UX across all platforms. Contributed to the Buybox core backend, created a scalable notification system and implemented a robust product management system.
 - **Tech Stack:** NestJS, JS/TS, Express.js, MongoDB, Prisma, Redis, Cloudinary

PROJECTS

- **Compify** [GitHub](#) [Live Demo:](#)
 - Developed an AI-powered platform for generating personalized competitive exams using user preferences.
 - Integrated Generative AI to create dynamic questions, with detailed result cards and performance analysis.
 - Built complete infrastructure including user authentication, dashboard, and exam tracking features.*Tech Stack: Next.js, Node.js, MongoDB, Prisma, TailwindCSS, TypeScript, GenAI, Vercel*
- **ScoutTalk (Discord Clone)** [GitHub](#) [Live Demo:](#)
 - Built a full-stack Discord-inspired web application with servers, channels, real-time chat, and video integration.
 - Implemented role-based access control (admin, mod, user) and advanced server moderation features.
 - Enabled real-time communication using WebRTC and LiveKit with Socket.io for seamless messaging.*Tech Stack: Next.js, MongoDB, Prisma, LiveKit, Socket.io, TailwindCSS, Vercel*

TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, C, C++, Java, Rust
- **Frameworks & Libraries:** React.js, Next.js, NestJS, Node.js, Express.js, GraphQL, Tailwind CSS, Flutter
- **Tools & DevOps:** Git, GitHub, Firebase, Supabase, Convex, Prometheus, Grafana, VS Code
- **Databases:** MongoDB, PostgreSQL
- **Architecture & Messaging:** Microservices, gRPC, Kafka, Redis, RabbitMQ

HONORS / AWARDS / ACHIEVEMENTS

- **StatusCode 1 Hackathon Winner:** Contributed to the winning project **Compify** as part of Team Status Code 202 in the Education Track at IISER Kolkata.
- **Web Lead - RCC Techz Club (AY 2024–25):** Led all web development efforts and projects for **RCCTechz**, the official technical club of RCCIIT, organizing and managing the online presence of college tech events and workshops.
- **Web3 & Cloud Lead - Unstop Igniters (AY 2024–25):** Served as the Web3 and Cloud Lead in **Unstop Igniters**, the techno-management club of RCCIIT. Spearheaded initiatives on blockchain education and cloud-based tech innovation, mentoring junior developers and organizing hands-on sessions.