

# SURAJIT MAITY

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## TECHNICAL SKILLS

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**Languages:** Java, Python, C

**Frontend:** ReactJS, Redux, Next.js, HTML, CSS, JavaScript, TypeScript, Tailwind CSS, EJS

**Backend:** Node.js, Express.js

**Database:** MongoDB, MySQL, Prisma

**Relevant Coursework:** Database Management Systems (DBMS), Object-Oriented Programming (OOP), Operating Systems

## PROJECTS

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**Commune** | *Next.js, TypeScript, WebSocket, WebRTC* | [GitHub](#) | [Demo](#) 2025

- Developed a fully responsive chat application featuring real-time messaging, group voice and video calls, and one-to-one communication.
- Enabled server creation, invite links, role-based management, customizable settings, and moderator and admin tools for message deletion and member removal.
- Utilized Socket.IO, LiveKit for group chatting, voice and video calls using WebSocket, WebRTC.
- Integrated Google login using Clerk, emoji support, and file sharing for images and PDFs using UploadThing to enhance user interaction.
- Technologies: Next.js, TypeScript, Clerk, Socket.IO, LiveKit, UploadThing, Prisma, Avien

**SkillSwap** | *MERN* | [GitHub](#) | [Demo](#) 2024

- Developed an Edtech platform with streamlined video streaming, secure payments via Stripe, and 100% issue-free transactions.
- Implemented JWT-based authentication with 95% email verification using Nodemailer.
- Designed an instructor dashboard with performance analytics using Chart.js, increasing engagement by 30%.
- Technologies: React.js, Node.js, Express.js, MongoDB, JWT, Stripe, Cloudinary, Chart.js, Tailwind CSS, Material-UI.

**Recipe Book** | *MERN* | [GitHub](#) | [Demo](#) 2024

- Built a full-stack responsive web application for recipe management, integrating TheMealDB API for advanced filtering and browsing by country or ingredient, leading to a 40% increase in user engagement.
- Enhanced user experience with a random recipe generator, boosting time spent on the site by 20%.
- Technologies: React.js, Node.js, Express.js, MongoDB, JWT, Cloudinary, TheMealDB API.

## EXPERIENCE

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**Web Team Member, Organizer, Mentor** | [Website](#) JWOC (JGEC Winter of Code) 2025

*Open-source Program* 2025

- Helped create the frontend using React for the official JWOC 2025 website while participating as organizer and mentor.

**Full Stack Developer** | [Website](#) Professor Dr. Dipak Kumar Koley's Portfolio

*Node.js, EJS, MongoDB, Cloudinary* 2024

- Developed a dynamic portfolio showcasing publications and achievements using modern web technologies.

## EDUCATION

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**Jalpaiguri Government Engineering College**

*Bachelor of Technology in Information Technology*

Jalpaiguri, West Bengal

July 2022 – June 2026 (Expected) — CGPA: 8.93

## ACHIEVEMENTS

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Secured 1st position in JWOC 2024, an open-source development program hosted by JGEC.

Completed Hacktoberfest 2023, earning a Level 4 badge for substantial contributions to open-source projects.

Ranked 13th in CODE PEAK, an open-source program organized by NWOC and IIT Guwahati.

Solved 500+ problems on [LeetCode](#), achieved a 4-star rating on [CodeChef](#), and earned a Specialist rating on [Codeforces](#).