

Ranjan Bej

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SUMMARY

A final-year software engineering student with experience in building web applications. Passionate about artificial intelligence, I am eager to apply my skills in a professional setting and contribute to real-world projects.

EDUCATION

Siksha O Anusandhan

2022 – 2026

B.Tech in Computer Science and Information Technology(CGPA: 9.57)

EXPERIENCE

Tata Steel ,Vocational Trainee

June 2025 – July 2025

- Built a **React.js frontend** integrated with a **Node.js backend**, enabling users to quickly search engineering document PDFs.
- Added **LLM-powered summarization** to generate concise, context-specific summaries of lengthy technical document, reducing the reading time for technical teams.
- Designed and implemented **search and retrieval APIs**, ensuring quick access to relevant document and a seamless user experience.

PROJECTS

QuickDrop (Link) (GitHub)

- A file-sharing web application built with **React.js** and **Node.js**, enabling users to securely upload and access files using unique codes.
- Developed a backend with **custom APIs** for uploading, downloading, and automatically expiring files, enhancing privacy and user control.
- Used **MongoDB** to store file information and integrated it with backend APIs to ensure smooth and safe file handling for all users.

ClipURL (Link) (GitHub)

- Developed the frontend of a custom URL shortener using React.js, enabling users to generate, manage, and share shortened links effortlessly.
- Collaborated with teammates with the Node.js backend, which integrated MongoDB for storing original and shortened URLs with expiration policies.
- Designed and implemented responsive UI components, forms, and interactive elements to ensure a smooth user experience.

CareerLift (GitHub)

- Built a **full-stack career guidance platform** using **React.js**, **Node.js**, **Express.js**, and **MongoDB** to help users improve job readiness.
- Implemented an **ATS-based resume score checker** that analyzes resumes against job descriptions and provides actionable optimization insights.
- Designed scalable backend APIs and authentication flows, with upcoming features including **AI-powered mock interviews** and **peer-to-peer interview practice**.

SKILLS

Languages: Java, JavaScript, C++, SQL

Frameworks & Libraries: React.js, MongoDB, Express.js

Additional: Git/Github, Data Structures, Algorithm

ACHIEVEMENTS

- Selected for the **PwC Launchpad Program**, where I learned **Java**, **RDBMS**, and **DevOps** tools through structured video-based training and live masterclass.
- Achieved 5-star rating in Java on HackerRank, demonstrating strong proficiency in Java programming and problem-solving skills.