Priyanshu Saraf

B.Tech
Batch: 2022–2026
Electronics and Communication Engineering
Indian Institute Of Information Technology, Ranchi

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EDUCATION

Indian Institute of Information Technology Ranchi   **Nov. 2022 – Present**
*B. Tech. in **Electronics and Communication Engineering***   *CGPA- 8.77*

Param Gyan Niketan Maranpur Gaya   **2020 − 2022**
Higher Secondary   *88.4*

Experience

CodexIntern (Remote)   **April 2025**
Web Development Intern

- Completed a full-stack web development internship using the MERN stack.
- Developed responsive user interfaces with HTML, CSS, and React.js, ensuring smooth user experience.
- Implemented secure authentication and role-based access using JWT and session handling.
- Built RESTful APIs and optimized MongoDB schemas to support backend functionality.

PROJECTS

⚲ **E-Commerce** | *React, Redux , NodeJs , ExpressJs, MongoDB, Mongoose, Stripe API, Cloudinary*   **Dec 2024**

- **Built Full-Stack E-Commerce Platform** – Designed a MERN-based online store with product catalog, checkout, and order management.
- **Configured Secure Payments** – Integrated Stripe API to support multiple payment methods for seamless transactions.
- **Delivered Core Features** – Added product search, filtering, cart management, and an admin dashboard to manage 100+ items.

⚲ **Real-Time Chat Application** | *React, NodeJs, ExpressJs, MongoDB, Mongoose, Socket io, Dizzy UI*   **Oct 2024**

- **Created Interactive Chat Platform** – Developed a MERN-based chat system supporting 50+ active rooms with a responsive interface.
- **Enabled Real-Time Messaging** – Applied Socket.io for instant delivery and reliable communication between users.
- **Improved User Experience** – Introduced theme switching and personalization options for better usability.

⚲ **Learning Management System** | *React, Node.js, Express.js, MongoDB, Mongoose, Clerk, Stripe API*   **May 2025**

- **Constructed Full-Stack LMS Platform** – Delivered a course management system with 50+ courses uploaded and smooth enrollment.
- **Strengthened Authentication & Verification** – Utilized Clerk for email-based login and secure role-based access.
- **Streamlined Payments & Content Management** – Applied Stripe for recurring billing and Cloudinary for handling course media.

TECHNICAL SKILLS

Languages: C, C++, JavaScript, Python, SQL, OOPS

Databases & Tools: PostgreSQL, MongoDB, Prisma ORM, Redis, Git, VS Code, Postman (Testing), Docker, Cloudinary

Technologies/Frameworks: React, Next.js, Node.js, Express.js, Redux, Tailwind CSS, GraphQL, Socket.io, Stripe API

AI/Generative AI: Generative AI (LLMs), LangChain, Prompt Engineering, Retrieval-Augmented Generation (RAG), Vector Databases (FAISS / Chroma), OpenAI / LLM APIs

ACHIEVEMENTS

- Solved 500+ Data Structures and Algorithms problems across platforms like LeetCode, GeeksforGeeks.
- Participated in multiple MERN stack development projects.