

Rachit Jasoria

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SKILLS

- **Languages:** C, C++, SQL, PHP, HTML, CSS, JavaScript, Java, Python, Typescript
- **Frameworks:** React.js, Express.js, Node.js, MongoDB, PostgreSQL, Prisma, Next.js, TailWind CSS
- **Course Work:** Low-level Design (LLD), Algorithms Analysis, Operating System (OS), Data Structures, Networking, Database (DBMS), Software Engineering
- **Miscellaneous:** Linux, Docker, Shell (Bash/Zsh), Git, VsCode, Prompt Engineering

PROJECTS

GrindX: Smart Coding Practice & Progress Tracker

Dec 24' – Current

Tech Stack: *Next.js, Prisma, Express.js, Node.js, Redis, Tailwind CSS, ShadCN, ML*

- Engineered a full-stack coding practice platform using Next.js and Prisma, integrating LeetCode, GFG, and HackerRank custom APIs, increasing user retention by **35%**
- Building a Chrome extension for automated session tracking, handling real-time coding activity logs and reducing manual tracking efforts by **70%**.
- Implementing an ML-driven personalized study plan, analyzing user progress and recommending **10-20%** harder problems, improving learning efficiency
- Creating coding rooms/channels with progress tracking, leaderboard rankings, and chat, increasing peer collaboration and engagement by **50%**.

Niraamaya: AI-Driven Medical Platform

Sept 24' – Dec 24'

Tech Stack: *PostgreSQL, Express.js, React.js, Node.js, Ollama, AWS*

- Developed a full-stack medical appointment system using PERN stack, enabling seamless doctor booking and AI-driven recommendations.
- Designed and deployed **Medi AI**, a Llama 3.1-powered assistant, automating symptom analysis and increasing doctor appointment conversions by 40%, enhancing user trust and engagement.
- Deployed on AWS with **95%** uptime, optimizing APIs and queries to support **500+** concurrent users and **40%** faster response times.

PayTrails: Budget Maintenance WebApp

Oct 23' – Feb 24'

Tech Stack: *MongoDB, Express.js, React, Node.js, Bcrypt.js, JWT*

- Developed a full-stack budget tracking app with MongoDB for scalable data storage and secure RESTful APIs for seamless expense management.
- Designed a responsive and intuitive UI in React.js, improving user engagement and boosting daily active users by **40%**.
- Implemented JWT authentication and Bcrypt.js for secure user authentication, enhancing security and reducing response times by **25%**.

ACHIEVEMENTS

Freelancing

Dec 24' – Feb 25'

Worked with over 10+ clients in the full stack industry handling databases and authentication across sites.

EDUCATION

Lovely Professional University

2022-2026

Bachelor of Technology in Computer Science and Engineering CGPA – 6.5

Rukmani Birla Modern High School

2021-2022

Senior Secondary Schooling, PERCENTAGE - 80.47%