RAKSHIT GUPTA

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Education

Indian Institute of Information Technology, Kota	**Aug 2021 - May 2025**
B.Tech in Electronics and Communication Engineering	*CGPA : 7.8*
Lions Public Senior Secondary School, Gurgaon	**April 2019 - March 2021**
12th Class in PCM, CBSE Board	*Result : 95.6%*

Work Experience

Growhut.AI	**Feb 2025 – July 2025**
Frontend Development Intern	*Remote*

- Actively building and maintaining a commercial-grade frontend ecosystem for clients using **Next.js 14 App Router**, **TypeScript**, **Tailwind CSS**, and **shadcn/ui**, following atomic design principles for scalable UI architecture.
- Integrated and consumed 100+ RESTful and GraphQL APIs with robust **data validation**, **schema handling** using `zod`, and implemented **centralized error boundaries** for graceful failures.
- Improved SEO by 40% through **Next.js SSR/ISR** and structured metadata practices.
- Streamlined development workflow using **Cursor AI IDE** for AI-assisted code completion, linting, and refactoring, enhancing developer efficiency by 25%.
- Collaborating closely with cross-functional teams—**design (Figma)**, **backend (Postman, Swagger)**, and **QA**—to ensure pixel-perfect, performant implementations aligned with user stories and sprint goals.
- Managing version control with Git, leveraging **feature branches**, `PR-based code reviews`, and `CI/CD hooks` via GitHub to maintain clean and production-ready code.

Projects

BookStore : MERN stack book selling platform　　　　**View Source Code**

- Launched a scalable online platform with robust functionalities, connecting **500+ book sellers and buyers**, creating an **online book marketplace** that enhanced **book availability** and streamlined transactions.
- Crafted an efficient **server-side framework** with **Express.Js and MongoDB**, upgrading processing speeds to handle over **1,000 monthly active users**. Ensured robust **security features** to safeguard sensitive information, resulting in a **30% increase in user trust**.
- Refined back-end systems with **Express.Js and MongoDB**, achieving a **20% improvement in response time** and handling **3,000+ monthly active users**.
- Authored a **responsive and user-friendly web interface** using **React.Js**, enhancing usability and boosting **site engagement by 25%**.

Movix: A movie searching web application　　　　**View Source Code**

- Implemented a feature-rich web application for **movie exploration** leveraging **React.Js, Redux, and Axios**, providing seamless browsing and detailed information on 1000+ movies, including trailers and cast details.
- Developed **custom hooks and state management** solutions to handle real-time API calls, improving data fetching **efficiency by 30%**.
- Accomplished a **25% reduction** in response time by implementing efficient endpoint management and leveraging asynchronous processing techniques.

Technical Skills

Languages: C++, Python, JavaScript, TypeScript
Backend: Node.Js, Express.Js
Frontend: React.Js, Next.Js, HTML, CSS, Tailwind, Daisy UI, ShadCN UI, Bootstrap, Redux
Clouds & Databases: MongoDB, MySQL
Developer Tools: VS Code, Git, GitHub, Postman, Figma, Cursor
Coursework: Data Structures and Algorithms, Object Oriented Programming(C++), Database Management System, Operating System
Others: Competitive Programming, Computer Architecture, Software Development, Aptitude

Achievements and Certifications

- **Technical Head in Sports committee of IIIT Kota.**
- **Served as Co-coordinator in FIC, fitness club of IIIT Kota and conducted various successful events under my Leadership.**
- **Solved 1000+ coding and DSA problems across different platforms.**