# Prakhar Singh Chauhan

Software Developer (Full Stack)

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## SUMMARY

Full Stack Developer with 6+ months of experience in React, Node.js, MySQL, and API integration. Developed real-world projects such as a secure payments app, a semantic search system using NLP, and a real-time chat application. At Online Dekho, developed an AI-powered chatbot and enhanced search functionality using NLP. Strong foundation in Data Structures, OOP, and backend technologies like MySQL, PostgreSQL, and Prisma. Adept at collaborative development, problem-solving, and delivering user-focused solutions.

## EXPERIENCE

**Backend Developer Intern**                                    January 2025 – Present
*Leverage Edu*                                                                    *Noida*

- Worked on end-to-end development using React, JavaScript, Node.js, Express, MySQL, PostgreSQL, and AWS S3 for scalable web applications.
- Developed and optimized 20+ RESTful APIs using Node.js and Express, improving backend performance and enabling seamless frontend integration. enhancing data retrieval efficiency by 30 percent.
- Collaborated with a cross-functional team of 4+ developers and QA engineers to fix 50+ bugs and implement new features, reducing system errors by 20 percent.Managed MySQL databases with 15+ relational tables
- Contributed to both frontend and backend codebases, reducing integration issues during feature rollouts.

## TECHNICAL SKILLS

**Languages:** JavaScript, TypeScript, C++, Python
**Frameworks  Libraries:** React.js, Next.js, Node.js, Express.js, Socket.IO
**Databases:** MySQL, PostgreSQL, MongoDB
**Dev Tools/Platforms:** Git, GitHub, Postman, AWS S3, Docker, VS Code, Bitbucket

## EDUCATION

**Jaypee University Of Information Technology**                         Solan, H.P.
*Bachelor's Of Technology in Computer Science — CGPA: 8.0*              *2020 – 2024*

## PROJECTS

**Payments App**  | *MERN Stack (MongoDB, Express, ReactJS, NodeJS)*        June 2024 – August 2024

- Designed and developed a full-stack payments application with secure **user authentication**, transaction history, and account management features.
- Utilized **React Hooks** and **Context API** for efficient global state management, ensuring a smooth user experience across components.
- Implemented secure API routes using **JWT-based authentication**, enabling safe and reliable user sessions.
- Configured **MongoDB** to handle user data and transactions, optimizing schema design for scalability and performance.

**Semantic Search Bar**  | *Python, NLP, Flask, Pandas, AJAX*            May 2024 – July 2024

- Built a semantic search system using **SpaCy NLP** models to deliver more accurate and context-aware search results.
- Developed **Flask-based RESTful APIs** for real-time query handling and integrated them into an Android e-commerce app.
- Leveraged **Pandas** for efficient filtering of CSV-based product data, improving query response times.
- Implemented **AJAX-powered search suggestions** for dynamic and responsive user experience during input.

**MERN Chat App**  | *MERN Stack, Socket.IO, MongoDB, JWT*            January 2024 – March 2024

- Developed a full-stack chat application enabling **real-time communication** using **Socket.IO** for seamless message exchange.
- Integrated **JWT-based authentication** and encrypted MongoDB storage to ensure secure and private user data handling.
- Implemented efficient chat features like user presence detection, message timestamps, and group conversations.
- Designed a responsive and intuitive UI using **ReactJS** and **Tailwind CSS**, enhancing overall user engagement.