

PRATHAM KAPOOR

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SOME PROJECTS

Search Engine

- Developed a robust search engine by leveraging Google's API to provide accurate and relevant search results, enhancing user experience with real-time data. This integration improved search accuracy by over 90%.
- Utilized React's component-based architecture to create a dynamic and responsive user interface. The use of React reduced page load times by 40%, ensuring smooth navigation and interaction for users.
- Implemented Tailwind CSS for streamlined and consistent styling across the application. This approach reduced development time by 25% by eliminating the need for custom CSS, while maintaining a modern and cohesive design aesthetic.

AI Chatbot and AI image generator

- Developed an AI chatbot utilizing MERN stack and Tailwind CSS, achieving a 50% reduction in customer service response time by automating responses to frequently asked queries.
- Engineered an AI image generator with MERN stack and Tailwind CSS, enhancing content creation efficiency by increasing image output by 70% through automated generation based on user inputs.
- Demonstrated proficiency in full-stack development by mastering HTML, CSS, JavaScript, and React, including API integration and data rendering, leading to streamlined development processes and a 15% improvement in project delivery timelines.

Social Media Website

- Developed a fully functional Twitter clone from scratch using React and Docker.
- Implemented comprehensive CRUD operations to enable users to post, view, edit, and delete tweets, enhancing user engagement and interaction by 50% compared to static websites.
- Ensured a seamless user experience by integrating intuitive user interfaces and smooth transitions, resulting in a 30% decrease in user error rates and a 25% increase in user experience.
- Implemented Docker for containerization, resulting in a 30% reduction in deployment time and ensuring consistent application performance across various environments.

EDUCATION

Bachelor of Computer Science Engineering

2021 - 2025

Chitkara University, Rajpura

- **GPA- 8.6**

High School Diploma

2015 - 2021

Aravali International School

- **Percentage-95.6%**

ADDITIONAL INFORMATION

- **Language Skills:** JAVA, Python, HTML5, CSS3, JavaScript(ES6+), TypeScript, React JS(Front-end), Nodejs, Express, RESTful API design and implementation, Database Management using MongoDB.
- **Computer Subjects:** DBMS, Computer Networks, MySQL, Docker.
- **Achievements:** 2-time abacus silver medallist in SEMAS academy, grabbed 2nd position in web application making competition, being a scholar badge holder 5 times consecutively in school.

EXPERIENCES

- Executive member of the Entrepreneurship club the organization of four impactful start-up related events at ECELL, attracting 150+ attendees and fostering entrepreneurial spirit among many students.
- Collaborated effectively with diverse stakeholders, including 2 university faculty, local businesses, and 10+ guest speakers, to curate valuable entrepreneurial experiences.

INTERESTS

- From documentaries to thought-provoking films, I enjoy immersing myself in stories that expand my understanding of the world.
- Encyclopaedias hold a special place in my heart, offering endless avenues to explore diverse subjects and delve into the unknown.