Piyush Singh

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ABOUT ME:

I am a passionate MERN Stack Developer with extensive experience in crafting dynamic and scalable web applications. My expertise lies in leveraging the MERN stack—MongoDB, Express.js, React.js, and Node.js—to build full-stack solutions that are both user-friendly and robust.

TECHNICAL SKILLS:

- Languages: - HTML, JavaScript, C, C++
- Technologies – MERN stack web development
- Technology and Frameworks: – React JS, Node JS, Express, Bootstrap
- Others – VSCode, Git, REST-APIs, React Dev Tools.

EXPERIENCE:

HTML Developer – Unicorn Demart | 04/2022-09/2022 *(New Delhi)*

- Developed and maintained responsive designs across various devices and browsers.
- Collaborated with internal teams to understand their requirements, then proceeded to design the website using HTML, CSS, and JavaScript.
- Optimized the website's performance, speed, and security while integrating content management systems.

MERN Developer – Capgemini | 10/2022-08/2024 *(Gurugram, Haryana)*

- Designed and developed RESTful APIs.
- Worked in revamping and optimizing Cisco's CRM tool resulting in 20 percent surge in productivity. Engineered elevated APIs and backend infrastructure, seamlessly weaving innovation into every digital strand.
- Resolved website bugs promptly, resulting in significant enhancements in web performance and responsiveness.
- Swiftly addressed website issues as they arose, effectively mitigating potential losses for the company.

PROJECTS:

Wanderlust

This project is a web application designed to replicate the core features of the popular Airbnb platform using the MERN stack. This full-stack project leverages MongoDB, Express.js, React.js, and Node.js to deliver a dynamic, scalable, and responsive solution for property rental and booking.

Key Features:

1. User Authentication: Secure login and registration for both hosts and guests, utilizing JWT for token-based authentication.
2. Property Listings: Hosts can list properties with detailed descriptions, images, and pricing. Users can browse and search listings based on location, dates, and other filters.
3. Review System: Guests can leave reviews and ratings for properties, enhancing trust and credibility within the platform.
4. User Profiles: Personalized user profiles for both hosts and guests, displaying their respective listings, bookings, and reviews.

Project Goals: The goal of this project is to provide a comprehensive understanding of the MERN stack by building a functional and feature-rich application, while also exploring best practices in full-stack development, database management.

Todo-List

This To-Do List application, developed with React, offers a modern, intuitive interface for managing your tasks. Leveraging React's powerful state management and component-based architecture, this app provides a seamless experience for organizing your daily activities.

Technical Details:

- **React Hooks**: Utilizes React Hooks such as useState.
- **Component-Based Architecture**: Built with reusable components, making the app easy to maintain and extend.

Weather App

This Weather Application, developed using React and integrated with a Weather API, provides an intuitive and visually engaging interface for checking current weather conditions and forecasts. With React's dynamic rendering capabilities and the power of real-time weather data, this app delivers accurate and up-to-date information at your fingertips.

Technical Details:

- **React Hooks**: Utilizes React Hook useState for managing state.
- **Weather API Integration**: Connects to a reliable Weather API (OpenWeatherMap) to fetch and display real-time weather data.
- **Asynchronous Operations**: Implements asynchronous operations with fetch to retrieve weather data and handle responses efficiently.

EDUCATION:

GL BAJAJ, Greater Noida | Bachelor's degree in Computer science & engineering | Aug 2017- July 2021 | *71%*

CBSE Class XII, Kendriya Vidyalaya AGCR colony, New Delhi| PCM(CS)| **2016- 2017** | *74%*

CBSE Class X, Kendriya Vidyalaya AGCR colony, New Delhi | **2014- 2015** | *9.0   C.G.P.A.*

COURSEWORK: Full stack web development by Apna College