Simranpreet Singh

📞 +91 84278 89918 | 👤 Portfolio | ✉ Email | 💼 LinkedIn | 🐙 Github | 📍 India

Summary

With over 2 years of experience in both frontend and backend development, I specialize in designing, RESTful APIs, managing databases, and integrating complex logic. Adept at collaborating in team environments, contributing to diverse projects, and delivering excellent user experiences.

Experience

MERN Stack Intern at *Ryazio Technologies LLP*   (9 mos) Jan 2024 – Present
Remote   *Samrala, Punjab, India*

- Leveraged technical expertise in the MERN stack, collaborating with team members to build and enhance complex e-commerce platforms, contributing to both frontend and backend development.
- Developed and maintained backend logic, ensuring smooth integration with the frontend, while also designing and implementing various application pages for a seamless user experience.
- Utilized Storybook to create and document reusable design patterns, enhancing UI components, ensuring project consistency, and elevating overall design quality.

Frontend Developer at *Great Developer*   (1 yr 2 mos) Nov 2022 – Dec 2023
Hubrid   *Ludhiana, Punjab, India*

- Played a key role in delivering various client projects at GreatDeveloper, a developer team launched by my college professor, Dr. Hardeep Singh Rai, by utilizing full-stack development skills to build scalable and robust applications.
- Took on the responsibility of teaching and mentoring students, guiding them in software development best practices, coding standards, and modern technologies, which deepened my understanding of both technical and educational aspects of the industry.

Frontend Intern at *Dez Web Solutions Pvt Ltd*   (4 mos) Aug 2022 – Nov 2022
Hybrid   *Ludhiana, Punjab, India*

- **Toucan App:** Implemented user authentication by integrating the Clerk API and developed a feature-rich chatbox using getstream.io for real-time communication.
- **Chrishan Solutions:** Implemented dynamic, responsive web pages by integrating HTML5, SASS, Bootstrap, and JavaScript, enhancing both functionality and design scalability.
- **Playerange App:** Integrated real-time chatbox functionality utilizing the PubNub API to enable seamless, low-latency communication within the application.
- **Cancan App:** Elevated the e-commerce user interface by utilizing React.js to create a more interactive and user-friendly experience.

Projects

DesignPattern | *React, Storybook, styled-components*   🐙 Github 🌐 Live

- Created a comprehensive component library utilizing Storybook and React, providing detailed documentation for UI components.
- Implemented interactive stories to demonstrate component behavior.

VideoShare | *React, JavaScript, ContextAPI, WebRTC, Socket.io, Express*   🐙 Github 🌐 Live

- The application facilitates the generation and distribution of unique video call links, offering seamless connections and intuitive control over audio and video settings.
- It includes advanced functionalities such as screen sharing and real-time messaging, enhancing the communication experience for both personal and professional applications.

NewsDaily | *React, Redux, JavaScript, react-router, styled-components, react-bootstrap* Github Live

- Integrated the GNews public API to fetch and display the latest global articles and categories, including images, titles, descriptions, and links to original sources.
- Implemented advanced features like search functionality and article previews, ensuring the application is fully responsive and provides an optimal user experience.

CurrencyConverter | *React, TypeScript, Bootstrap, currency-flags, Axios* Github Live

- Developed the application using React and TypeScript, featuring a highly interactive and intuitive UI for smooth currency selection and amount input. Ensured full responsiveness and user-friendliness for an optimal experience across various devices.
- Integrated a real-time exchange rate API, enabling the app to dynamically fetch and display current currency conversion data.

Education

Masters in Computer Applications - GPA - *7.63/10*	**Sep 2022 – June 2024**
Guru Nanak Dev Engineering College	*Ludhiana, Punjab, India*
Bachelors in Computer Applications - GPA - *8.47/10*	**Aug 2019 – May 2022**
Guru Nanak Institute of Management and Technology	*Ludhiana, Punjab, India*

Achievements

Hacktoberfest: Participated in Hacktoberfest from 2021 to 2023, contributing to open-source projects by submitting pull requests, enhancing software tools, fixing bugs, and adding new features, thereby gaining experience in collaborative development and version control.

Wartech competition: Developed a mobile shopping application, earning first place in web development at the competition hosted by GNIMT College.

Tech Disha competition: Developed a portfolio application and secured third place in a competition at Arya College, competing against participants from across Punjab.

Head of the college's web development and IT club: Led the college's web development and IT club, where I instructed students in HTML5, CSS3, Bootstrap, JavaScript, and Git.

Skillset

Technical Skills: HTML5, CSS3, SCSS, JavaScript, TypeScript, ContextAPI, RESTful APIs, Eslint, Webpack, Git.

UI Frameworks/Libraries: Next.js, React.js, Node.js, Express, Redux, Material-UI, Bootstrap, styled-components, Storybook.

Testing Framework/Library/Database: React Testing Library, Jest, MongoDB.