

# Simranpreet Singh

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## Summary

With over 1+ year of experience in frontend development, I specialize in designing, RESTful APIs, and integrating complex logic. Adept at collaborating in team environments, contributing to diverse projects, and delivering excellent user experiences.

## Experience

### Frontend Intern at Ryazio Technologies LLP

(9 mos) Feb 2024 – Present

Remote

Samrala, Punjab, India

**Technologies used:** Next.js, React.js, Redux.js, ContextAPI, JavaScript, TypeScript, Storybook

- Leveraged technical expertise in the frontend development, 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 Intern at Dez Web Solutions Pvt Ltd

(5 mos) Aug 2022 – Dec 2022

Hybrid

Ludhiana, Punjab, India

**Technologies used:** React.js, Redux.js, JavaScript, TypeScript, ClerkAPI, GetStreamAPI

- **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.js, Storybook, styled-components

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

### VideoShare | React.js, JavaScript, ContextAPI, WebRTC, SocketIO, Express.js 🌐 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.js, Redux.js, JavaScript, react-router, styled-components, react-bootstrap

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- 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.js, 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

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**Master of Computer Applications - GPA - 7.63/10**

*Guru Nanak Dev Engineering College*

**Sep 2022 – May 2024**

*Ludhiana, Punjab, India*

**Bachelor of Computer Applications - GPA - 8.47/10**

*Guru Nanak Institute of Management and Technology*

**Aug 2019 – May 2022**

*Ludhiana, Punjab, India*

## Achievements

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**Member of GreatDevelopers:** Great Developers is a Google group initiated by Dr. Hardeep Singh Rai from our college, where we tackle real-world problems in the tech industry. We collaborate as a team to solve various challenges, support fellow developers, and welcome newcomers to the community.

**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

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**Languages & Tools:** HTML5, CSS3, SCSS, JavaScript, TypeScript, RESTful APIs, Eslint, Webpack, Git, ContextAPI

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

**Testing & Databases:** React Testing Library, Jest, MongoDB