

# PRIJA SHRESTHA

Nakkhu, Lalitpur

shresthaprija123@gmail.com | 9803720729 | <https://www.prija.com.np/> | [linkedin.com/in/prija-shrestha](https://www.linkedin.com/in/prija-shrestha)  
[github.com/Prijastha](https://github.com/Prijastha)

## Summary

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Aspiring Frontend Developer with a focus on React.js. I am skilled in building responsive and interactive web applications using HTML, CSS, and JavaScript. I am eager to gain hands-on experience through an internship and apply my knowledge to real-world projects. Quick learner, detail-oriented, and passionate about creating clean, user-friendly interfaces.

## Education

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New Summit College, Tribhuvan University,

March 2021 – Present

Bachelor in Computer Science and Information Technology,

Kathmandu, Nepal

## Technologies

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**Languages:** C++, C, JavaScript, HTML/CSS, SQL, JavaScript

**Developer Tools:** VS Code

**Technologies/Frameworks:** Git, Bash, ReactJS

## Projects

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### Room Finding System (RoomEase)

- Designed and developed the application from scratch using React and Tailwind CSS.
- Integrated dynamic routing and state updates using React Router and useState.
- Built with reusable components like buttons, forms, and navigation elements.
- Used Outlet to create a parent-child routing structure, enabling dynamic rendering of child components while maintaining shared layouts like headers and sidebars.

### To-Do-List Application

- A clean and user-friendly web application designed to manage daily tasks.
- Calculates dynamic values for completed Todos and total Todos to be passed as props.
- Sorted tasks to display incomplete tasks before completed ones.
- Used CSS Modules to scope styles, ensuring modularity and preventing conflicts.

• Tools Used: ReactJS

### Gemini Clone Application

- Developed a responsive AI-powered chatbot inspired by Gemini, with interactive and dynamic UI to assist users in generating prompts and receiving context-based responses.
- Collapsible sidebar for a clean and organized user interface.
- Displays recent prompts with functionality to reload and interact with them.
- Centralized state management using React's Context API for seamless communication across components.
- Tools Used: ReactJS, REST APIs, and CSS

### Tic-Tac-Toe Game

- Created an interactive Tic-Tac-Toe game with a user-friendly interface and responsive design.
- Tools Used: ReactJS and JavaScript

## Experience

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- Worked collaboratively with a select group of students to organize TechTrix-2023, the annual technology event at New Summit College.
- Designed and implemented "Bookie", an e-commerce platform for purchasing books, as a part of a 6th-semester project
- Developed a portfolio website using HTML, CSS, and JS.
- Currently developing "Roomease", a platform where you can search for a room for rent with features like a virtual tour of a room, and a recommendation system integrated so that the user can get the room they are searching for conveniently.

## Relevant Coursework

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- Introduction to Programming with C
- Object Oriented Programming in C++
- Data Structures and Algorithms
- Design and Analysis of Algorithms
- Introduction to Relations Database Management System with SQL
- System Design and Analysis
- Software Engineering
- Web Technology with HTML, CSS, and Javascript