

# VISHNU P R

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I am passionate about coding and problem-solving, dedicating full focus and energy to every task. I aim to gain recognition in the coding field, leveraging my skills and passion for technology to achieve meaningful results.

## SKILLS

**Front-End Development:** JavaScript, TypeScript, React, HTML/CSS, Tailwind CSS, Bootstrap

**Back-End Development:** Node.js, Express.js

**DevOps and Tools:** Git/GitHub, AWS, VS Code

**Real-Time Communication:** Socket.IO, WebRTC

**Design:** Figma

**Authentication and Security:** JWT, Basic Authentication, API keys

**Databases:** MongoDB, Firebase, MySQL

## PROJECTS

### WE TALKS

Jul 2024 - Aug 2024

#### Social Media Website

**Project Overview:** Developed a unique social media platform with core functionalities similar to Instagram, including creating posts, liking, and sharing. The project stands out by optimizing communication within the platform, offering a novel way for users to interact.

#### Key Features:

**Core Social Media Functions:** Users can create posts, like, and share content, similar to popular platforms.

**Innovative Communication:** Implemented a unique feature that allows users to engage in live video chats seamlessly within a shared space, similar to in-game communication.

**Real-Time Interaction:** Integrated live talking and video chat using WebRTC and Socket.io, enabling instant communication.

**Technologies:** MongoDB, Express.js, React, Node.js, Socket.io, WebRTC, GitHub, AWS, Tailwind CSS, Socket.IO

### Netflix\_olx clone

Mar 2024 - Apr 2024

I built a **Netflix** and **OLX clone** using **React**, **Redux**, **Firebase**, and **Tailwind CSS**, aimed at replicating the core features of both platforms.

In the **Netflix clone**, users can register, log in via Firebase Authentication, and browse through a selection of movies. The app also allows users to add movies to their favorites list, providing a personalized experience. I used **Redux** to manage the global state, ensuring seamless user authentication and efficient handling of user data, such as tracking their favorite movies. **Tailwind CSS** helped create a modern, responsive design that enhances the user experience.

For the **OLX clone**, users can register, log in, and post products they want to sell. The interface allows easy navigation and product management, where users can upload product details and images. Firebase handles authentication and data storage, offering real-time updates for product listings. By combining React for the front-end, Redux for state management, Firebase for backend services, and Tailwind CSS for UI, this project showcases my ability to build dynamic, functional web applications with clean, intuitive interfaces.

### VKart

Dec 2023 - Jan 2024

#### E-Commerce Website for Electronics

**Overview:** Developed an eCommerce website focused on selling laptops, keyboards, monitors, and mice, providing a user experience similar to major platforms like Flipkart and Amazon.

#### Key Features:

- **Product Catalog:** Searchable catalog with detailed product information and reviews.
- **User Authentication:** Secure login and account management.
- **Shopping Cart & Checkout:** Functional cart and streamlined checkout supporting multiple payment methods.
- **Search & Filtering:** Advanced filtering options by category, price, and brand.
- **Order Management:** Real-time order tracking.
- **Responsive Design:** Optimized for mobile devices.

**Technologies:** Node.js, Express, MongoDB, Razor Pay, AWS, Bootstrap

## EDUCATION

### Web Development

Aug 2023 - Aug 2024

#### Brototype

I am currently engaged in a self-learning platform where I work on projects under senior developers with over five years of experience from reputed companies. Since joining, I have significantly boosted my coding knowledge and can now quickly learn new languages and software. I have completed training as a MERN stack developer and have worked on two main projects along with several mini projects. Additionally, I have gained expertise in data structures and algorithms, further enhancing my problem-solving skills.

### Diploma in Computer Engineering

Aug 2018 - Aug 2021

IPT AND GPTC COLLEGE SHORANUR

GPA: 7.2

#### Educational Qualifications:

- **Diploma in Computer Engineering:**
  - Completed a 3-year diploma program in Computer Engineering, acquiring a solid foundation in programming, networking, database management, and software development. Gained hands-on experience in building and managing computer systems, troubleshooting,

and implementing various software solutions.

- **NCC Certificates (A, B, C):**

- Successfully earned the NCC (National Cadet Corps) A, B, and C certificates, demonstrating leadership, discipline, teamwork, and commitment to service. Participated in various NCC activities, including drills, camps, and social service, contributing to personal development and organizational skills.