

# Razal P,

## MERN Stack developer

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### Projects

#### OnHash Social media

FEB 2024 - PRESENT

- Developed vibrant social media platform, OnHash, akin to Instagram, with added features
- Utilized MERN stack (MongoDB, Express.js, React, Node.js) for robust backend and frontend development
- Implemented image filters, photo capture, and various enhancements for enriched user experience
- Integrated WebRTC and Socket.io for real-time video/audio calls and live chat functionality
- Ensured security with OTP verification via Node Mailer and facilitated image uploads with Multer and Cloudinary
- Implemented JWT (JSON Web Tokens) for enhanced security
- Employed Redux for efficient state management and implemented lazy loading to enhance performance
- Followed MVC architecture and utilized TypeScript in React.js for improved code quality
- View live([OnHash](#))
- View github([OnHash](#))

#### My shoppy E-commerce

AUG 2023 - SEP 2023

- Developed interactive e-commerce platform, MYSHOPPY, utilizing MongoDB, Node.js, Express, and EJS
- Implemented smooth user registration/login and integrated Razorpay for secure payments
- Facilitated product addition to shopping carts and order tracking for enhanced user experience
- Provided detailed sales charts for comprehensive sales trend analysis
- Implemented order cancellation feature for users and integrated refund process for improved customer service and satisfaction.
- Utilized Multer for handling file uploads and Nodemailer for email communication
- Ensured responsive design with CSS Bootstrap

### Skills

- MERN STACK
- MongoDB
- Express
- Node
- React
- Next.js
- Tailwind-css
- Bootstrap
- Redux
- Typescript
- Java-script
- My-sql
- Postgresql
- Data structures
- GIT
- HTML
- CSS
- SCSS
- Docker
- JWT
- MVC-architecture
- Repository-pattern

### INTEGRATIONS

- Socket.io
- Web-rtc
- RazerPay
- Paypal
- Stripe
- Google auth
- Zego cloud

- hosted on AWS for scalability
- Followed MVC pattern for structured code organization and used Node Mailer for OTP verifications
- View live ([Shopy](#))
- View github ([Shopy](#))

## Mini project

### NETFLIX

- Uses ReactJS with Tailwind CSS for Netflix-like UI.
- Fetches movie data from TMDB API.
- Allows users to watch trailers alongside movie details.
- View live([Netflix](#))

### OLX

- Built using ReactJS for frontend development.
- Utilizes Firebase for backend services including image storage.
- Allows users to list products for sale on the platform.
- Provides functionality for users to upload images of their products.
- Stores uploaded product images securely on Firebase storage.
- Enables users to add product details along with images for listings.
- View live([OLX](#))

## Video Call App

- Developed using React for frontend UI components.
- Styled using Tailwind CSS for a modern and responsive design.
- Utilizes WebRTC (Web Real-Time Communication) for peer-to-peer video and audio communication.
- Enables users to toggle their camera on and off during the call.
- Facilitates real-time video and audio communication between users in the same room.
- Offers an intuitive and user-friendly interface for seamless video calling experience.
- View live ([video call](#))

## Education

- 2022 - 2023  
HIGHER SECONDARY (Computer science)  
Darul Uloom

- Node-mailer
- Multer
- Firebase verification
- Cloudinary

## Tools

- Figma
- Postman
- Aws
- Github

## LANGUAGES

- English
- Malayalam
- Tamil
- Hindi