

# Rahul K P

## MERN Stack Developer

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### PROFILE SUMMARY

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Detail-oriented technology **enthusiast** proficient in **MERN** stack development. Demonstrated success in delivering **scalable solutions**. Expert **problem solver** committed to **clean code** and **continuous learning**. Ready for new challenges in software development.

### PROJECTS

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#### Dating Website

[Live](#) | [GitHub](#)

Designed and implemented "YouAndMe," a cutting-edge dating website, leveraging a comprehensive tech stack including **Node.js**, **React**, **JavaScript**, **Mapbox**, **JWT**, **OAuth**, **Express**, **MongoDB**, **Razorpay**, **Redux**, **REST API**, **Nodemailer** and **Socket. IO**. Hosted on **AWS EC2**, the platform is secured with an **SSL** certificate for enhanced data protection.

- Implemented real-time interactions using **Socket.io** for dynamic user experiences.
- Enhanced video call quality through **ZegoCloud** integration for meaningful connections.
- Integrated **Mapbox** to add geolocation features into user profiles.
- Facilitated secure transactions with **Razorpay**.
- Merged aesthetics with functionality using **Tailwind CSS**, **Daisy UI** and **Chakra UI** for seamless user interfaces.

#### E-commerce Website

[Live](#) | [GitHub](#)

Rio Fashion Store is an e-commerce website allowing customers to browse and purchase products online. The application features a user-friendly interface and a secure payment system. Customers can create accounts, track their order status, etc.

- Developed an e-commerce platform with user-friendly interfaces and key functionalities including product viewing, cart management, address management and coupon functionality.
- Implemented **RESTful APIs** to ensure seamless communication between the front end and back end.
- Integrated secure payment gateways such as **Razorpay** and Cash on Delivery (COD) methods.
- Utilized **Git** for version control and employed **EJS** (Templating Engine) for front-end development.
- Followed **MVC** architecture and developed admin-side interfaces for various management tasks.
- Leveraged **AWS** Cloud Service, along with **Nginx**, **Certbot** and **PM2** for deployment, resulting in a high-performing, reliable and secure platform with the capacity for seamless scalability.

## MINI - PROJECTS

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### Olx-Clone

[GitHub](#)

- Used **Firebase Firestore** for backend and data storage.
- Product listing facilitates easy addition of products with images.

### Netflix-Clone

[GitHub](#)

- Utilized **React** framework and **TMDB** API for dynamic content fetching.
- Used **Axios** module for seamless API calls.

### Weather App

[GitHub](#)

- Seamlessly integrates **OpenWeatherMap** API for real-time updates.
- Utilized MERN stack and **Axios** for responsive design and data fetching.

### Mini-Store

[GitHub](#)

- Used React, Tailwind CSS and Axios, this project includes product listing, cart and API integration.
- Utilized **React Context** for state and **SweetAlert** for notifications.

## EXPERIENCE

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### Front Office Executive and Digital Marketing Team Member at Ashtamgam Medical College

- Ensured positive guest experiences, resolved complaints and managed calls.
- Managed social media, optimized online adverts and maintained media partnerships.

## SKILLS

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**Frontend Development** - React, Tailwind CSS, Bootstrap, EJS, React-Redux, Redux-Toolkit

**Backend Development** - Node.js, Express, Mongoose, REST API, MVC Architecture

**Database and Storage** - MongoDB, MySQL, Firestore, S3 Bucket (AWS)

**Integrations** - Razorpay, Nodemailer, Multer, Socket.IO, Mapbox, OAuth, JWT, ZegoCloud, Cloudinary

**Deployment** - NGINX, AWS EC2, TLS (SSL), PM2, Firebase

**Tools** - Git, GitHub, Postman, Figma, Moon Modeler, Canva, npm

## EDUCATION

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### MERN Stack Development

February 2023 - Present

Brototype, Bengaluru

### MBA - Human Resources

2021 - 2023

Bharathiyar University

Percentage: 62%