



# RAHUL J RAJ

Full Stack Developer

MY-Portfolio | +91 7909178974 | rahuljraj157@gmail.com |  LinkedIn |  GitHub

## Profile Summary

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Innovative and results-driven Full Stack Web Developer with expertise in designing, developing, and optimizing scalable web applications. Proficient in MERN stack (MongoDB, Express.js, React, Node.js) and modern development tools, delivering high-performance, user-centric solutions. Adept at architecting robust backend systems, crafting dynamic frontend interfaces, and ensuring seamless API integrations. Passionate about writing clean, maintainable code, implementing best practices in software development, and continuously exploring emerging technologies. A strong problem-solver and collaborative team player, dedicated to driving efficiency, scalability, and innovation in fast-paced environments.

## Technical Skills

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- **Languages:** JavaScript, TypeScript, C, Java, Python
- **Frontend:** Next.js, React.js, HTML, Redux, Tailwind CSS, Bootstrap, Handlebars (EJS), CSS
- **Backend:** Node.js, Express.js, REST APIs, Clean Architecture, MVC, Mongoose
- **Infrastructure:** Data Structures, npm, Nginx, PM2, Load Balancing, CI/CD pipelines
- **Databases:** MongoDB, MySQL
- **Integration:** Docker, Razorpay, Multer, Socket.IO, Firebase, JWT (JSON Web Token), Nodemailer, Zego-cloud
- **Deployment:** AWS EC2, GitHub Actions, Route 53, SSL, Render, Docker.
- **Developer Tools:** Visual Studio Code, GitHub, Postman, Figma
- **Computational Skills:** Data Structures and Algorithms
- **Soft Skills:** Self-learning, Problem-solving, Time management, Adaptability, Organizational skills, Leadership.

## Projects

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### FinMate - Personal Finance App

[Live Link](#) |  GitHub

- Developed **FinMate**, a modern personal finance application using **Next.js App Router** and **TypeScript**.
- Implemented **Redux** for state management, secure authentication using **JWT** and **NextAuth**.
- Integrated **Nodemailer** for email verification, **Tailwind CSS** for styling, and **Framer Motion** for animations.
- Added features like **lazy loading**, **browser notifications**, and interactive dashboards using **Recharts**.
- Used **MongoDB** as the database and integrated **React Icons** for a polished UI.
- Successfully hosted the application on **Vercel** with continuous deployment from GitHub.

### Career-up job portal website

[Live Link](#) |  GitHub

- Developed **LadderUp**, a job portal website built using **TypeScript**, **JavaScript**, following **Clean Architecture**.
- Backend with **Node.js**, **Express.js**, **MongoDB**; frontend with **React.js**, **Tailwind CSS**, **Redux**.
- Authentication with **JWT**, Google Auth, GitHub Auth; email verification via **Nodemailer**.
- Live chat using **Socket.IO**, file storage via **Firestore**; API security with **Axios interceptors**.
- CI/CD deployment on **Render**, admin console for management.

### Dream-furnni - E-commerce Website

[Live Link](#) |  GitHub

- Designed and built a feature-rich e-commerce platform using **Node.js**, **Express.js**, and **MongoDB** as the robust backend stack, paired with dynamic templating through **EJS** and responsive styling via **Bootstrap**.
- Integrated secure user authentication and verification using **Nodemailer** to send OTP emails, ensuring reliable sign-up flows.
- Seamlessly added payment processing with **Razorpay**, enabling secure online transactions alongside cash on delivery (COD) options.
- Implemented essential e-commerce features: dynamic cart management, product wishlist, advanced product filtering, and an intuitive **Admin Panel** to handle product inventory, stock updates, and real-time order reports.
- Optimized performance and scalability by deploying on **AWS EC2**, and configured **Nginx** as a powerful reverse proxy and load balancer for smooth request handling.
- Focused on delivering a seamless shopping experience and modern UI to enhance customer engagement and usability.

## MY-PORTFOLIO

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

- Designed and developed a modern, responsive personal portfolio using **Next.js App Router** for seamless navigation and optimal performance.
- Added dynamic animations and interactive user experience with **Framer Motion**, **TS-Particles**, and **Tag-Cloud**, creating visually engaging floating particles and 3D rotating tag effects.
- Integrated **Email.js** to enable direct messaging from the contact page, showcasing SSR/CSR capabilities with live form handling.
- Crafted elegant and modular components: **Home**, **Stack**, **ProjectCard**, and **Contact** pages for clean structure and easy scalability.
- Implemented smooth scroll effects and polished UI to ensure a professional, user-friendly design across devices.
- Successfully deployed the project on **Vercel** with continuous deployment from GitHub for fast updates and live previews.

## Mini Projects

### Next.js-App-Router

[GitHub](#)

- Built using **Next.js App Router**, SSR/SSG, modular components.

### Videocall-app

[GitHub](#)

- Built with **TypeScript**, **React.js**, **Tailwind CSS**, **ZEGOCLOUD**; responsive UI and auth.

### OLX-CLONE

[GitHub](#)

- Frontend clone with **React**, **Tailwind CSS**, **Firebase**; user signup and product listing.

## Education

**MSC IN BIOCHEMISTRY WITH NANOTECHNOLOGY**  
SREE NARAYANA GURU COLLEGE, COIMBATORE  
FIRST CLASS WITH DISTINCTION

2019 - 2023

**MERN Stack Development**  
Brototype, Kozhikode

2024 - Present