

# RILWAN P R

Software Engineer

+91 8086167618

rilwanpr@gmail.com

LinkedIn

GitHub

Kerala, India 680524

## SUMMARY

Innovative Software Engineer with a comprehensive background in full-stack development, adept at solving complex technical challenges through advanced JavaScript technologies. Expertise in crafting seamless applications using **React.js**, **Next.js**, **Node.js**, **Express.js**, **Nest.js** and modern web frameworks, with a strong commitment to code quality and system performance.

## TECHNICAL SKILLS

- **Programming Languages:** JavaScript, TypeScript, SQL, Java, C
- **Frontend:** React.js, Next.js, Redux, HTML5, CSS3, Tailwind CSS, Bootstrap, Material-UI, Ant Design
- **Backend:** Node.js, Express.js, NestJS, MongoDB, Mongoose
- **DevOps & Deployment:** AWS (EC2, S3), Nginx, Vercel, Render, Hostinger vps
- **Tools & Libraries:** Git, GitHub, Webpack, Babel, Postman, Multer, Nodemailer, Axios, Socket.IO, Formik
- **Key Integrations:** JWT, Jitsi
- **Familiar With:** Data Structures and Algorithms, PostgreSQL, MySQL, Firebase

## WORK EXPERIENCE

### • Auxzon Pvt Ltd

April 2024 - March 2025

Software Engineer

Kerala, India

- Developed full-stack web applications using **React.js**, **Next.js**, **Node.js**, **NestJS**, and **MongoDB**, delivering responsive and scalable solutions.
- Implemented modern UI designs with **React.js** and **Next.js**, utilizing **Material-UI** and **Tailwind CSS** to enhance user experience across all devices.
- Built cross-platform desktop applications with **Electron.js**, expanding product reach beyond web browsers.
- Engineered secure RESTful APIs using **Express.js** and **NestJS**, implementing robust **JWT authentication**.
- Developed server-side applications with **Node.js** and **Express.js**, ensuring efficient backend performance.
- Utilized **MongoDB** for flexible and scalable database management, designing efficient data models and queries.
- Deployed and maintained applications on **Hostinger VPS**, configuring **Nginx** for optimal performance and security.
- Practiced proper **Git workflow** with feature branches, pull requests, and code reviews, ensuring codebase integrity.
- Collaborated effectively within cross-functional teams, communicating technical concepts clearly to non-technical stakeholders.
- Demonstrated strong **time management** skills while handling multiple projects with competing deadlines.

## PROJECTS

### Skywards: College Management System

Frontend | Backend | Live

Skywards is a versatile College Management System that streamlines administrative processes while enhancing communication and learning experiences for students and teachers. Its real-time features and secure access promote an efficient educational environment.

- Tech Stack: **React**, **NestJS**, **MongoDB**, **TypeScript**, **Redux**, **Material-UI**, **Ant Design**, **Axios**, **Socket.IO**, **JWT**, **Formik**, **Tailwind CSS**, **AWS S3**
- Implemented robust **authentication** with **JWT** and **refresh tokens**, ensuring secure access for students, teachers, and admins.
- Integrated **Jitsi** for seamless video conferencing, enhancing remote learning capabilities.
- Developed a sophisticated attendance tracking system with teacher-led attendance taking and MCQ assessments for comprehensive student evaluation.
- Utilized **AWS S3** for scalable image storage and **Nodemailer** for automated email notifications, streamlining communication processes.

- Optimized performance with **custom React hooks** and employed **TypeScript** for enhanced type safety and code reliability.

## Furniture E-Commerce Platform

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

The Furniture E-Commerce Platform provides users with an intuitive online shopping experience, featuring dynamic displays and secure transactions. It enhances customer engagement through personalized features, backed by robust analytics for sellers.

- Tech Stack: **Node.js, MongoDB, EJS, MVC Architecture, AWS**
- Architected a scalable e-commerce platform with dynamic product displays and personalized shopping experiences.
- Implemented **secure payment gateways Razorpay** and a comprehensive admin dashboard for real-time sales tracking and analytics.
- Leveraged AWS for deployment, ensuring high availability and scalability to support growing user base and product catalog.

## MINI PROJECTS

### • Blogger: Content Management Platform

*React.js, TypeScript, Node.js, Express.js, Ant Design, Tailwind CSS, Redux, Axios*  
Render, Vercel, Cloudinary

[Frontend](#) | [Backend](#) [Live](#)

- Built a full-featured blogging platform with **CRUD operations** and secure **JWT authentication** for user access.
- Integrated **Cloudinary** for efficient image storage and retrieval, optimizing media handling.
- Employed **Redux Persist** to maintain user session state, enhancing the user experience.

### • Netflix Clone: Streaming Platform

*React.js, Firebase, REST API, Tailwind*

[GitHub](#)

- Developed a responsive UI with **Tailwind CSS** for an intuitive movie browsing experience.
- Integrated **Firebase** for user authentication and real-time data syncing of user profiles and watchlists.
- Implemented efficient state management for personalized movie recommendations and seamless UI updates.

### • OLX Clone: Online Marketplace

*React.js, Context API, Firebase, REST API*

[GitHub](#)

- Created an **intuitive product listing interface** with advanced filtering options for enhanced user experience.
- Utilized **Firebase** for secure user authentication and **Context API** for efficient global state management.
- Implemented real-time updates and image upload functionality for seamless product posting and browsing.

## SOFT SKILLS

- **Communication:** Excellent written and verbal skills; adept at presenting complex technical concepts clearly.
- **Problem Solving:** Strong analytical thinking with a knack for creative and efficient solutions to technical challenges.
- **Team Collaboration:** Experienced in cross-functional teamwork, fostering a positive and productive work environment.
- **Time Management:** Skilled in prioritizing tasks and managing multiple projects simultaneously to meet deadlines.
- **Adaptability:** Quick learner with rapid technological changes and new development frameworks.
- **Attention to Detail:** Meticulous approach to coding and debugging, ensuring high-quality, error-free deliverables.
- **Project Management:** Proficient in planning, risk assessment, and resource allocation for successful project execution.
- **Customer Focus:** Strong empathy and ability to translate client requirements into technical solutions effectively.
- **Innovation:** Passionate about exploring new technologies and implementing creative solutions to improve processes.
- **Continuous Learning:** Committed to staying updated with the latest industry trends and expanding skillset regularly.

## EDUCATION

### • Brototype

*Full Stack Development - MERN*

*April 2023 – March 2024*  
Calicut, Kerala (India)

### • Wisdom College

*Bachelor of Commerce Computer Application (BCom CA)*  
Graduated from Bharathiar University

*2020 – 2023*  
Thrissur, Kerala (India)