Rojin Raj *Full Stack Web developer*

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Profile

Self-taught full-stack web developer with a background in Mechatronics Engineering. I specialize in the MERN stack and enjoy building real-world apps with clean architecture and seamless UX. Currently focused on sharpening my backend skills and contributing to scalable web solutions.

Education

06/2020 – 05/2024 Coimbatore, TamilNadu	**B.E Mechatronics Engineering** *RVS Technical Campus*
06/2018 – 03/2020 Kottarakkara, Kollam, Kerala	**Higher Secondary** *St Gregorios Higher Secondary School*
03/2018 Kottarakkara, Kollam, Kerala	**High School** *St Mary's Higher Secondary School*

Skills

Programming Language
- Javascript
- C++

Tools
- Github
- Postman

Web Development
- React.js
- Node.js
- Express.js
- MongoDB
- Figma
- Tailwind CSS
- HTML
- CSS
- Redux

Languages

- English
- Malayalam
- Hindi
- Tamil

Projects

Bus Ticket Booking Website
A full-stack web application that allows users to book intercity bus tickets with secure authentication, real-time seat selection, and payment integration.
Stack & Architecture:
- **Frontend:** React.js, Redux
- **Backend:** Node.js, Express.js (MVC architecture)
- **Database:** MongoDB
- **Tools & Services:** GitHub, Postman, JWT, OpenRouteService, Twilio (OTP), Razorpay (payment)
Key Features:

- Interactive seat selection with live state management (Redux)
- OTP-based user verification using Twilio API
- Fare dynamically calculated based on distance via OpenRouteService
- Razorpay integration for secure online payments
- JWT-based login system with route protection
- RESTful APIs with modular controller design (MVC pattern)

Soft Skills

- Quick learner with strong debugging habits
- Adaptable and eager to learn new technologies
- Good communication and teamwork