

Sajna TT

Full Stack Developer and Project Manager

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Summary

Enthusiastic Full Stack Developer and Project Manager with expertise in the MERN stack (Node.js, MongoDB), TypeScript, and Firebase. Proven track record in leading cross-functional teams and delivering end-to-end, scalable web applications. Passionate about architecting innovative software solutions that drive business value.

Skills

- **Frontend:** React, JavaScript, TypeScript
- **Backend:** Node.js, Express.js, Firebase, Multer, Nodemailer
- **Database:** MongoDB
- **Tools & Security:** Git/GitHub, Postman, JWT, Cloudinary
- **APIs:** Twilio (OTP), OLA Maps API (Location Services)

Languages

English (Professional) • Malayalam (Native)

Professional Experience

Project Coordinator + Full Stack Developer
tecnavis web solutions

2024 - Present

- **Large-Scale Multi-Platform Project (RSA):** Led the end-to-end development of a comprehensive roadside assistance ecosystem serving 6 distinct user roles with role-based access control
- **Architecture & Development:** Engineered the complete backend using Node.js and TypeScript, and supervised frontend development across multiple applications:
 - Main Dashboard with role-based access (React)
 - Showroom Dashboard (React)
 - Driver App (Flutter)
 - Provider App (Flutter)
 - Showroom Staff App (React & Flutter - hybrid implementation)
 - Executive App (Flutter)
 - RSA Staff App (Flutter)
- **Project Management & Client Interaction:** Deeply involved in client interaction and requirement gathering, translating business needs into a structured Software Requirements Specification (SRS) and technical documentation
- **Deployment & DevOps:** Deployed and managed the complete application stack on Render cloud platform, ensuring high availability, scalable infrastructure, and 99.9% uptime
- **Role Transition & Leadership:** Transitioned from Full Stack Developer to Project Coordinator while continuing hands-on development, overseeing the entire software development lifecycle from conception to deployment
- **Security & Performance:** Implemented secure authentication with JWT, OTP verification via Twilio, and optimized system performance for handling high-volume real-time operations
- **Additional Project (S&S):** Developed a similar large-scale platform for another company, applying the same architectural patterns and best practices learned from the RSA project
- **Technical Integrations:** Integrated Firebase for real-time notifications, Cloudinary for media management, and OLA Maps API for location-based services including geocoding and distance calculations

- **Collaboration:** Coordinated with a Flutter developer for mobile application development while managing all backend services, API integrations, and React dashboards independently

Full Stack Developer
Techon Innovations

2023 - 2024

- **System Design:** Developed Software Requirements Specification (SRS) for Hospitality Management system, refining project structure via MERN stack
- **Frontend Excellence:** Built Tripon Travel Agency frontend using React, resulting in improved User Experience (UX)
- **API Integration:** Collaborated on full-stack solutions to ensure seamless API connectivity across platforms

Education

Certified Specialist in Full Stack Development (MERN)
ICT Academy of Kerala

Mar 2023

Bachelor of Technology, Computer Science Engineering
MG University College of Engineering

2012 - 2016

Higher Secondary Education
Gov Higher Secondary School

2009 - 2011