

Rajan R

Email: rajanravi144@gmail.com

Phone: [+91-6383367739](tel:+91-6383367739)

GitHub: <https://github.com/rajanR14042000/> | **LinkedIn:** [linkedin.com/in/rajan-ravichandran-developer](https://www.linkedin.com/in/rajan-ravichandran-developer)

Portfolio Page : <https://portfoliopage-tan-seven.vercel.app>

Summary

Passionate Full Stack Developer with expertise in the MERN stack (MongoDB, Express.js, React.js, Node.js). Experienced in end-to-end web application development, REST API design, cloud deployment, and DevOps practices. Skilled in building secure, scalable applications with authentication systems, real-time communication, and performance optimization. Proficient with AWS Cloud, Docker, Kubernetes, and modern frontend frameworks, delivering intuitive user-centric solutions.

Professional Experience

Full Stack Developer – Chola Automation Pvt. Ltd., Chennai , 2024 – 2025

Project: MrFranchise.in – Franchise Business Listing Platform

Tech Stack: React.js, Redux, Node.js, Express.js, MongoDB, AWS EC2, S3, Cloudflare R2, NGINX,

Key Contributions:

- Developed and deployed a full-stack franchise listing platform from scratch.
- Designed and implemented APIs for brand listing, JWT authentication, OTP verification, and file uploads to S3/R2..
- Built advanced features such as dynamic brand filtering by category, investment, and location.
- Integrated email & mobile OTP verification and social logins (Google, Facebook, LinkedIn).
- Implemented role-based authentication with an admin panel for efficient management.
- Deployed backend on VPS using NGINX + Certbot (HTTPS).
- Managed file and media storage using AWS S3 & Cloudflare R2
- Optimized API and database performance to reduce load times.
- Used Git/GitHub for version control ensuring clean collaboration.

Internship Experience:

MERN Stack Developer (Intern) – Yoho Technologies, Chennai , Aug 2024 – Feb 2025

Project: Learning Management System (LMS)

Tech Stack: MongoDB, Express.js, React.js, Node.js, Socket.IO

Key Contributions :

- Developed a comprehensive LMS platform supporting institutes, teachers, and students, including 5 web panels and 2 mobile apps.
- Implemented Role-Based Access Control (RBAC) for secure user management.
- Integrated real-time communication using Socket.IO for instant teacher-student interactions.
- Designed and optimized RESTful APIs with JWT authentication for system security and reliability.
- Built responsive frontend UI using React, HTML, CSS, and JavaScript.
- Improved API response times by 40% through efficient database indexing and caching.
- Created an Admin Dashboard for centralized LMS management.
- Structured and documented APIs using Postman and Swagger (OpenAPI) for easy developer integration.
- Enabled frontend-driven API modifications, reducing integration complexities and improving developer experience.

Technical Skills

- Front-end Development: React.js, Next.js, JavaScript (ES6+), HTML5, CSS3, Redux, Material UI, Tailwind CSS
- Backend Development: Node.js, Express.js, RESTful APIs
- Database Management: MongoDB (Mongoose ORM), Query Optimization, Indexing & Caching
- Real-time Communication: Socket.IO
- Security: JWT Authentication, Role-Based Access Control (RBAC), OTP Verification
- API Documentation: Postman, Swagger (OpenAPI), JSON Schema
- Cloud & DevOps: CI/CD, GitHub Actions, Deployment Automation,
- Version Control: Git, GitHub & UI/UX Design: Figma, Canva
- Operating Systems: Ubuntu, Windows, Linux, Learning Knowledge: Java, React Native, AWS, Docker, Kubernetes

Education & Certification

- B.E. Mechanical Engineering – AR College of Engineering, Villupuram (2019–2023)
- Java Full Stack Development Training – Greens Technologies, Chennai (2024)
- John Dewey Matric Higher Secondary School, Panruti (2017)

Declaration

I hereby declare that the above information is true to the best of my knowledge and belief.