

# THIRUMALAIVASAN V

## FULL-STACK DEVELOPER (MERN STACK | REACT.JS | NEXT.JS)

Dharmapuri, Tamil Nadu

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### PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer with 1 year of professional experience specializing in the MERN stack. Proven track record in building scalable web applications, optimizing REST API performance by 30%, and implementing real-time features using Socket.IO. Seeking challenging React.js/Next.js Developer roles to contribute to innovative projects and grow with a dynamic team.

### TECHNICAL SKILLS

**Frontend:** React.js, Next.js, Redux, JavaScript (ES6+), Tailwind CSS, HTML5/CSS3

**Backend:** Node.js, Express.js, REST APIs, Microservices, API Optimization

**Databases:** MongoDB, Mongoose, Firebase Firestore, Database Design

**Authentication:** JWT, NextAuth.js, Firebase Authentication, Secure Access Control

**Real-time Technologies:** WebSocket, Socket.IO, Live Data Streaming

firebase(Onsnapshot),polling

**Tools & Platforms:** Git, GitHub, Jira, NPM/Yarn, Postman, Vercel

**Methodologies:** Responsive Design,

### PROFESSIONAL EXPERIENCE

#### Zenth Tech | August 2024 - August 2025

- Developed and maintained 4+ full-stack applications using React.js, Next.js, Node.js, Express.js, and MongoDB
- Optimized REST API performance by 30% through query optimization, caching implementation, and code refactoring
- Implemented secure authentication systems using JWT and NextAuth.js, ensuring role-based access control
- Built real-time features for booking systems and notifications using Socket.IO, improving user engagement
- Managed completeing Git/GitHub with proper branching strategies,
- Developed responsive UIs with Tailwind CSS, ensuring cross-browser compatibility and mobile responsiveness

#### Salon Management System

- React.js, Next.js, Node.js, MongoDB, Socket.IO, JWT, Tailwind CSS

#### Product Overview:

Complete SaaS platform for salon businesses with appointment scheduling, staffmanagement, inventory tracking, and analytics.

- Real-time Appointment Booking: Socket.IO implementation for live availability and instant confirmations
- Multi-role Authentication: JWT-based secure login for Admin, Staff, and Customers

## PROJECTS

### E-Commerce Store | React.js, Redux, Node.js, MongoDB

- Developed a full-featured e-commerce platform with product catalog, shopping cart, and secure checkout
- Implemented JWT authentication
- Created admin dashboard for product management, order tracking, and sales analytics

### Multi-Shop Appointment System | Socket.IO, Firebase, MongoDB, React.js

- Built a real-time booking system supporting multiple service providers
- Implemented live appointment tracking, notifications, and calendar management
- Developed separate admin panels for multi-shop management
- Impact: Reduced booking processing time by 60% and improved customer satisfaction

### Portfolio Website | Next.js, Tailwind CSS, Framer Motion

- Created responsive portfolio with smooth animations and optimized performance
- Implemented SEO best practices
- Deployed on Vercel with
- Live: [animation-site-eight.vercel.app](https://animation-site-eight.vercel.app)

## EDUCATION

Bachelor of Engineering in Computer Science

\*2020 - 2024\* | CGPA: 8.4/10

Higher Secondary Certificate (HSC)

GHSS Kullanoor | \*2018 - 2019\* | 67%

Secondary School Leaving Certificate (SSLC)

GHSS Kullanoor | \*2016 - 2017\* | 77%

## ACHIEVEMENTS

- Improved application performance by 30% through API optimization
- Implemented real-time features that increased user engagement by 40%
- Enhanced security with JWT authentication and role-based access control
- Delivered 4 production-ready applications within 1 year
- Maintained 100% code review compliance with zero critical bugs in production

## ADDITIONAL INFORMATION

- Languages: Tamil (Native), English
- Availability: Immediate Joiner
- Notice Period: None
- Work Preferences: Remote, Hybrid, or On-site
- Portfolio: [github.com/Thirumalaivasan1643/portfolio](https://github.com/Thirumalaivasan1643/portfolio)