A. Muthupandi

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Frontend Developer | React.js | MERN Stack | JavaScript | AWS EC2

Professional Summary

Results-oriented **Frontend / MERN Stack Developer** with **3+ years of experience** in designing, developing, and deploying scalable web applications using **React.js, Node.js, Express.js, and MongoDB**. Specialized in **Zustand** and **TanStack Query** for efficient state management and API optimization. Skilled in building responsive UIs using **Ant Design** and **Tailwind CSS**, integrating backend services, and deploying production-grade applications on **AWS EC2/S3**. Focused on performance optimization, reusability, and delivering **pixel-perfect user experiences** aligned with business goals.

Core Competencies: React.js | JavaScript (ES6+) | React Hooks | SPA Development | Redux | Zustand | HTML5 | CSS3 | Tailwind CSS | Ant Design | REST APIs | Node.js | Express.js | MongoDB | SQL | AWS (S3, EC2) | Git | GitLab | TanStack Query | Responsive Design | UI/UX | ApexCharts | Recharts

Technical Skills

Frontend: React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Ant Design, Vite
State Management: Zustand, TanStack Query (React Query), Redux, Context API
Backend: Node.js, Express.js
Database: MongoDB, SQL
Cloud & Deployment: AWS (EC2, S3), Git, GitLab, GitHub
Visualization: ApexCharts, Recharts
Others: RESTful APIs, UI/UX Optimization, Responsive Design, Agile Development

Professional Experience

Zsoft Consultancy Services Pvt Ltd – Junior Software Developer
Dec 2022 – Mar 2025 | Chennai, India

- Fully hands-on in React.js and equipped with backend skills using Express.js for API integration and deployment on AWS EC2.
- Built reusable React components and implemented state management with Zustand, enhancing maintainability across 5+ product modules.
- Integrated APIs using TanStack Query, reducing redundant calls and improving API performance by 30%.
- Developed and deployed full-stack MERN applications on AWS EC2, ensuring 99.9% uptime and secure access control.
- Collaborated with a cross-functional team, contributing to planning, code reviews, and feature delivery in bi-weekly sprints.
- Designed responsive UIs using Ant Design + Tailwind CSS, improving performance and user experience.

Adeptrite Solution Pvt Ltd – Software Developer (Contract)
Apr 2025 – Present | Remote / Chennai, India

- Worked as a contract developer under Adeptrite Solution Pvt Ltd.
- Logistics Dashboard (MERN Stack) – Designed and developed a full-fledged logistics analytics dashboard with Excel import/export, chart visualizations (ApexCharts), and AWS deployment. Payments were project-based per milestone.
- Hospital CRM (MERN Stack) – Contributed to core module development (Doctor, Patient, and Appointment flows) from scratch.
- Responsible for both frontend (React.js, Zustand, TanStack Query) and backend (Express.js, MongoDB) implementation, including reusable component architecture and performance optimization.

Key Projects

CMS Dashboard – React + Redux + TanStack Query + Ant Design
Developed a content management dashboard for Minagaram app with **role-based login**, **CRUD modules**, and **interactive analytics using ApexCharts/Recharts**. Reduced API latency by 25% with TanStack Query and improved administrator workflow efficiency.

Logistics Dashboard (MERN Stack – React, Node.js, Express.js, MongoDB)
Built an end-to-end logistics analytics platform with user authentication (OTP via NodeMailer), real-time charting, and **Excel import/export features**. Deployed on **AWS EC2** with scalable API services.

BuildNexus – Construction Solutions Platform (React + Tailwind CSS + SwiperJS)
Developed a responsive**, component-based React application** with API integration and **interactive SwiperJS sliders**. Currently enhancing **cross-device performance** and UI consistency for full responsiveness

Education & Certification

M.Sc Chemistry, St. Joseph's College – 2018

React.js Certification, Besant Technologies – 2022

Accomplishments

- Improved API efficiency by 30% and reduced page load time by 20% through optimized React and API design.
- Delivered 3+ production dashboards integrated with dynamic data visualization.
- Recognized for innovation and problem-solving in UI/UX enhancements.

Languages

English (Fluent) | Tamil (Native) | Hindi (Fluent)