

KAJA MOIDEEN M K

FULL STACK DEVELOPER · MERN · AI INTEGRATION

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SUMMARY

Full Stack Developer (MERN) with 2 years of experience building enterprise-grade web and mobile applications, including ERP modules with complex forms, data tables, and analytics dashboards. Proficient in React.js, Redux Toolkit, and Tailwind CSS on the front end; Node.js and Express.js REST APIs on the back end; and MongoDB and Microsoft SQL Server for data management. Experienced in AI integration — built an AI chat assistant with a RAG (Retrieval-Augmented Generation) pipeline for intelligent document search in a production ERP system, and a React Native mobile app for dispatch operations.

SKILLS

Front-End: React.js, Redux Toolkit, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, React Native, Responsive Design

Back-End: Node.js, Express.js, REST API Development, JWT Authentication

Databases: MongoDB, Microsoft SQL Server, Query Optimization

AI Integration: RAG (Retrieval-Augmented Generation), AI Chatbot Development, LLM APIs (Claude, ChatGPT, OpenRouter)

Programming Languages: JavaScript, Java, Python

Tools & Platforms: Git, GitHub, Visual Studio Code, Figma, Android Studio, Flutter, Postman, Excel Import/Export

WORK EXPERIENCE

React.js & Node.js Developer – AI Engineer

TVS Sundaram Industries Pvt Ltd — Chennai, India | Mar 2025 – Present

- Develop and maintain enterprise ERP applications for a tyre manufacturing company using React.js, JavaScript, Redux Toolkit, Tailwind CSS, Node.js, Express.js, and Microsoft SQL Server.
- Built 10+ business modules including CRM Dashboard, Customer Management, Order Processing, Price Sheet Management, PDI (Pre-Dispatch Inspection), Plant Assignment, Product Sales, and Process ID Management.
- Developed an AI-powered chatbot integrated with a RAG (Retrieval-Augmented Generation) system, enabling intelligent document search, knowledge retrieval, and contextual responses for ERP users.
- Built a React Native mobile application for the Dispatch Management module, enabling real-time dispatch operations and field data capture.
- Designed interactive analytics dashboards with charts, KPI cards, advanced filtering, and reporting for sales and manufacturing data.
- Integrated REST APIs, implemented Redux state management, and developed reusable, responsive UI components.
- Implemented Excel import/export, dynamic data tables, and reporting features; optimized application performance for large datasets.
- Debugged production issues, optimized SQL queries, and resolved API integration problems in collaboration with cross-functional teams to deliver scalable enterprise solutions.

Full Stack Developer Intern

Why Global Services — Chennai, India | May 2024 – Jan 2025

- Built responsive React.js user interfaces and efficient Node.js/Express.js REST APIs across real-world MERN stack projects.
- Designed and optimized MongoDB databases and collaborated with the development team using Git and GitHub version control.
- Implemented JWT authentication with role-based access control and improved API performance using pagination and caching techniques.

PROJECTS

Enterprise ERP & Manufacturing Management System

React.js, React Native, JavaScript, Redux Toolkit, Tailwind CSS, Node.js, Express.js, SQL Server, REST APIs

- Enterprise ERP platform for a tyre manufacturer covering Sales, CRM, Customer & User Management, Order Processing, Inventory, Plant & Warehouse Management, Dispatch (mobile), Production Tracking, Invoicing, AI Chat (RAG), and Analytics Dashboards.
- Developed responsive web and mobile applications, integrated REST APIs with SQL Server, built reusable components, and implemented reporting with Excel import/export.
- Optimized performance for large datasets and resolved production issues with cross-functional teams.

Customer Portal & Online Ordering System

React.js, JavaScript, Redux Toolkit, Tailwind CSS, Node.js, Express.js, SQL Server, REST APIs

- Developed a customer-facing web portal for tyre and rim ordering, enabling customers to browse the product catalogue, submit enquiries, securely log in, place orders, and track order requests.
- Built an integrated chat box for customer enquiries, enabling real-time communication with the sales team and faster query resolution.
- Integrated REST APIs for product management, customer authentication, and order processing while delivering a responsive and user-friendly interface.

Multi-Vendor E-Commerce Platform

React.js, Node.js, Express.js, MongoDB, Tailwind CSS — ecommerce.whytap.tech

- Led a team of 5 as team leader and full stack developer to build a multi-vendor e-commerce platform from the ground up.
- Designed secure authentication with role-based views and permissions for admins, sellers, and customers.
- Built seller-facing product management tools and a fully responsive interface with Tailwind CSS.

Blog Website

React.js, Node.js, Express.js, MongoDB, Tailwind CSS — github.com/KAJA-MOIDEEN/blog-exercise

- Developed a fully responsive blog website with CRUD functionality and React Quill rich text editing.
- Integrated JWT authentication for secure login and role-based access control; optimized API performance with pagination and caching.

EDUCATION

M.Sc Computer Science — 80%

The New College, Chennai | Jul 2021 – Apr 2023

B.Sc Computer Science — 60%

K.C.S. Kasi Nadar College of Arts & Science, Chennai | Jul 2017 – Apr 2020

CERTIFICATIONS

Full Stack Development

WhyTap, Chennai | May 2024 – Nov 2024