

Thashreef Khan S

Frontend Developer | React.js | Redux | Node.js | PostgreSQL | Tailwind | Material UI

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About Me

Frontend-focused Full Stack Developer with 2 years of experience building responsive, scalable, and high-performance web applications using React.js, Next.js, Redux, JavaScript, Node.js, Express.js, and PostgreSQL. Experienced in translating UI/UX designs into responsive applications, integrating front-end systems with backend APIs, and optimizing applications for speed, scalability, and usability.

Strong experience in building reusable UI components, managing application state using Redux Toolkit, and collaborating with backend teams to ensure seamless system integration.

Hands-on experience with REST APIs, caching, real-time communication, and production bug fixing. Passionate about delivering high-quality, user-friendly software solutions in collaborative team environments. **real-world, large-scale enterprise applications.**

Technical Skills

Frontend: React.js, Redux Toolkit, RTK Query, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI

Backend: Node.js, Express.js, RESTful APIs, Asynchronous Programming

Databases: PostgreSQL, MongoDB, Redis (Caching, Pub/Sub)

API & Communication: REST APIs, Socket.io, Event-driven Architecture

Testing & Tools: Postman, Swagger, Jest (Basics)

Build Tools: Vite, Webpack (Basics), NPM

Authentication: JWT, Role-Based Access Control

Cloud & DevOps: AWS EC2, AWS S3, Docker, CI/CD (GitHub Actions)

Version Control: Git, GitHub

Full Stack Development (Backend-Focused)

- Built and maintained **Node.js backend services** using Express.js
- Implemented **Redis caching and pub/sub** for performance optimization
- Developed **Socket.io-based real-time communication** features
- Wrote and debugged **async/await and Promise-based logic**
- Implemented **cron jobs** for scheduled background tasks
- Worked with **event-driven architecture, queues, and worker processes**
- Handled **file uploads, processing, and storage** efficiently
- Fixed bugs and improved existing backend features in production systems

Work Experience

Software Developer | Quality Ogera International LLP, Bangalore

Jan 2025 – Jun 2025

- Developed and maintained **Node.js backend services** and **RESTful APIs** using Express.js in production environments
- Managed seamless **data flow between frontend and backend systems**, collaborating with frontend teams to integrate **React applications with Node.js APIs**
- Implemented **JWT authentication and authorization** and optimized **MongoDB schemas and database queries**
- Used **Async/Await** for non-blocking operations and improved performance using **Redis caching**
- Containerized applications using **Docker** and deployed services on **AWS EC2**
- Built **real-time communication** using **Socket.io** and implemented **event-driven asynchronous job processing** with **node-cron**
- Implemented backend **file upload handling**, debugged production issues, and improved system reliability and performance
- Contributed to **full-stack MERN feature development**, optimizing frontend-backend integration and resolving production integration issues

Web Developer & Instructor | Freelancer, Kerala

Oct 2023 – Present

- Designed and developed **MERN stack web applications** for client-based business requirements
- Identified and implemented **web-based user interactions** using React concepts
- Built **highly responsive UI components** following best practices
- Translated **business requirements** into **technical UI solutions**
- Mentored developers in **React.js, Redux, component architecture, and UI optimization**
- Reviewed frontend code and resolved UI performance issues

Projects

WAVES GLOBAL - Business Management Platform	Live Frontend Backend
• Tech Stack: Node.js, Express.js, MongoDB, React.js, Redis, JWT, Tailwind CSS, Stripe API	
• Built a comprehensive business management platform serving 3 user roles (Admin, Manager, Employee) with granular permissions	
• Implemented secure JWT authentication with access/refresh token rotation and role-based route protection	
• Implemented Redis caching and asynchronous backend workflows for scalability	
• Integrated Stripe payment gateway with webhook handling for subscriptions and automated invoicing	
• Developed real-time notification system and mobile-responsive UI achieving 95+ Lighthouse score	
ECOGAS - LPG Gas Booking Platform	Live Frontend Backend
• Tech Stack: Node.js, Express.js, MongoDB Atlas, Redis, AWS (EC2, S3), Socket.io, Stripe, TypeScript, RTK Query	
• Designed backend using Clean Architecture and SOLID principles with separation of entities, use-cases , and interfaces	
• Used Redis pub/sub , Socket.io , and cron jobs to support real-time workflows and background automation	
• Implemented Socket.io-based real-time complaint tracking system between users and admin	
• Built a dual-database system using MongoDB for persistence and Redis for caching and session management	
• Integrated AWS S3 bucket to securely store and retrieve product and user-uploaded images	
• Added Morgan middleware to log HTTP requests and store error logs for monitoring and debugging	
• Used Node-Cron to schedule automated email notifications on order confirmation	
• Used RTK Query and Axios for efficient data fetching and caching	
• Configured CI/CD pipeline with GitHub Actions to automate testing, building, and deployment on AWS EC2	
ZENVOGUE - E-commerce Platform	Live Github
• Tech Stack: Node.js, Express.js, MongoDB, EJS, jQuery, Bootstrap, Docker, Kubernetes, AWS, Razorpay	
• Developed server-side rendered e-commerce platform using EJS templating for SEO optimization and faster initial load	
• Built end-to-end shopping experience: product catalog, cart, wishlist, coupons, and referral system	
• Integrated Razorpay payment gateway supporting UPI, cards, net banking, and wallets with order confirmation emails	
• Containerized the application using Docker and deployed on AWS using Kubernetes for scalability and zero downtime	
CHRONO - Inventory Management System	Live Frontend Backend
• Tech Stack: React.js, Node.js, Express.js, MongoDB, AWS S3, Tailwind CSS, RTK Query, jsPDF	
• Built a full-stack MERN inventory management system delivering real-time stock insights	
• Developed React dashboards and integrated them with backend APIs	
• Designed MongoDB schemas supporting multi-role business data	
• Implemented RESTful CRUD APIs for products, suppliers, categories, and transactions	
• Added automated low-stock alerts using Node-Cron and PDF report generation	
• Utilized AWS S3 for secure cloud image storage with signed URLs	

Mini Projects

Netflix Clone	Live Github
• Tech Stack: React.js, Tailwind CSS, Firebase Authentication, Firestore, Vite	
• Built streaming platform UI with Firebase Authentication, Firestore database, and watchlist management	
OLX Clone	Github
• Tech Stack: React.js, Node.js, Firebase, Cloudinary, RTK Query	
• Built classified ads platform with Cloudinary image optimization and Firebase real-time database	

Education

MERN Stack Development	2023 – 2025
Brototype, Calicut — Awarded Best Coordinator and Best Performance	
Bachelor of Science (BSc)	2021 – 2023
Bharathiyar University, Coimbatore, Tamil Nadu	

Soft Skills

Problem-Solving, Team Collaboration, Communication, Adaptability, Attention to Detail

Certificates & Achievements

- **Voice of Security**, IBM SkillsBuild
- **Best Coordinator & Best Performance**, Brototype