

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

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