

IRSHAD K

Frontend Developer & MERN Stack Engineer

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PROFESSIONAL SUMMARY

Results-driven Frontend Developer and MERN Stack Engineer with 3+ years of experience building scalable, high-performance web applications using React.js, Next.js, and Node.js. Proven track record delivering multi-tenant ERP SaaS platforms, real-time booking engines, AI-integrated web apps, and pixel-perfect client websites with modern animations. Expertise in performance optimization — achieving 90+ Lighthouse scores and 40% server load reduction through TanStack Query and Zustand. Strong full-stack capability across MongoDB, Express.js, and RESTful API development. Certified MERN Stack developer experienced across the complete software development lifecycle from architecture to production deployment on Vercel.

TECHNICAL SKILLS

Frontend	React.js, Next.js (App Router & Pages Router), JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, ShadCN UI, Framer Motion, Vite
Backend	Node.js, Express.js, REST API Development, Strapi CMS, Python (Integration)
Databases	MongoDB, Mongoose, MongoDB Atlas, Drizzle ORM
State & Perf.	Zustand, Redux Toolkit, TanStack React Query, Code Splitting, Lazy Loading, Lighthouse Optimization
Mobile/Desktop	React Native (Expo), Electron.js
Tools & Deploy	Git, GitHub, Vercel, Postman, VS Code, Reactotron
Concepts	Multi-tenant SaaS Architecture, SEO Optimization, Responsive Design, RESTful APIs, Agile/Scrum, Core Web Vitals

PROFESSIONAL EXPERIENCE

Nasscript Software Innovations

Software Engineer — Frontend & Full-Stack

Remote, Kerala
Aug 2025 – Present

- Architected a **multi-tenant ERP SaaS platform** (POS, Accounts, Sales modules) using React.js and Vite, enabling custom client workflows and automated invoicing across multiple enterprise clients.
- Engineered a **Restaurant POS system** using Electron.js (desktop) and React Native (mobile) with Python backend, achieving seamless real-time data sync across platforms.
- Built a complete **Tourism Ecosystem Suite**: React.js admin dashboard + 3 React Native apps (User, Driver, Supervisor) with integrated payment gateway, reducing manual coordination by ~60%.
- Developed a **Car Detailing CRM** with automated job cards, cost estimation engine, and Strapi CMS backend for flexible content management.
- Migrated application state to **Zustand + TanStack React Query**, cutting server load by 40% through smart caching and query deduplication.
- Optimized Next.js applications for SEO, consistently achieving **90+ Google Lighthouse scores** through SSR, image optimization, and Core Web Vitals tuning.

Zlight Research Pvt Ltd

Junior Software Engineer — Frontend

Ernakulam, Kerala
Jul 2023 – Jul 2025

- Led frontend development for **Zearch Booking Platform** — a customizable auditorium and parking booking engine built with Next.js, featuring real-time slot management and dynamic availability calendars.
- Integrated Python-powered APIs and implemented advanced **code splitting and lazy loading**, reducing average page load time by 25% and improving booking conversion flow.
- Delivered responsive, SEO-friendly UI components using Next.js SSR and TypeScript, improving organic search visibility and user retention.

- Collaborated with backend teams to design and consume RESTful APIs, ensuring robust data handling and error management across the application.

PROJECTS

Nadan AI — AI-Powered Web Application

[Live](#) | [GitHub](#)

Stack: Next.js · TypeScript · Drizzle ORM · ShadCN UI · LLM API Integration · Vercel

- Built a production-grade AI web app using **Next.js App Router with TypeScript**, integrating LLM APIs for intelligent, context-aware user interactions.
- Implemented **Drizzle ORM** for type-safe database operations and ShadCN UI for a polished, accessible component system — deployed on Vercel.

Hathim — Artist Portfolio Website

[Live](#) | [GitHub](#)

Stack: Next.js 16 · React 19 · Tailwind CSS 4 · Framer Motion · Lenis Smooth Scroll

- Designed and developed a premium artist portfolio with **fluid Framer Motion animations**, Lenis smooth scrolling, and a gallery-style project showcase — using the latest Next.js 16 and React 19.
- Delivered a pixel-perfect, fully responsive UI with clean typography and **immersive visual storytelling**, optimized for performance across all devices.

Blood Donor Management System

[Live](#) | [GitHub](#)

Stack: React.js · Node.js · Express.js · MongoDB · JWT Authentication

- Developed a full-stack **MERN platform** connecting blood donors with patients, featuring real-time availability filters, blood group search, and secure JWT-based authentication.
- Designed RESTful API endpoints with Express.js and MongoDB for donor registration, request management, and real-time availability tracking.

Bloomspace — Interior Design Brand Website

[Live](#) | [GitHub](#)

Stack: Next.js · JavaScript · Tailwind CSS · Responsive Design

- Crafted a premium, pixel-perfect frontend for an interior design brand with refined animations, smooth responsive layouts, and polished visual interactions.

CERTIFICATIONS

MERN Stack Developer — Training Certification

Completed comprehensive MERN stack training covering MongoDB, Express.js, React.js, and Node.js with hands-on full-stack project work across frontend, backend, and database layers.

EDUCATION

B.Sc. Computer Science

2018 – 2021

University of Calicut