

Mohammed Irfan

Full Stack Developer

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PROFESSIONAL SUMMARY

MERN & Next.js Full-Stack Developer with expertise in MongoDB, Express.js, React.js, Node.js, and Next.js. Experienced in building RESTful APIs, JWT authentication, SSR/SSG apps, and responsive UIs. Strong in Redux, database optimization, performance tuning, and scalable deployment.

SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript, Redux, Zustand, TailwindCSS, ShadCN

Backend: Node.js, Express.js, MongoDB, Zod, REST API, Socket.io, Prisma

Tools & Technologies: Git, React Query, Figma, NPM

EXPERIENCE

Web Developer Intern

August 2024 – August 2025

BridgeOn, Malappuram, Kerala

- Completed 3+ major full-stack projects using Next.js, TypeScript, React.js, Node.js, Express.js, and MongoDB; delivered robust, scalable features aligned with project requirements.
- Utilized Git for version control, managed branching strategies, code merges, and pull requests, ensuring seamless team integration.

Full-Stack Developer Intern (Full-Time)

August 2025 – Present

Willowy Infotech Pvt. Ltd., Calicut, Kerala, India

- Contributing to production systems including **ERP, CRM, and E-Commerce platforms** using Next.js, TypeScript, Node.js, MongoDB, and Prisma.
- Built **full-stack Next.js applications** with Server Actions, modular architecture, and optimized API workflows, from database to UI.
- Implemented **secure authentication and authorization** including JWT, session-based auth, and **role & module-based RBAC matrix**.
- Developed core **e-commerce features** and integrated **Stripe, Razorpay, and Cashfree** payment gateways.
- Designed internal **CRM dashboards and admin tools** for managing users, leads, subscriptions, and business data, working both independently and in cross-functional teams.
- Followed Git-based workflows, participated in code reviews, and accelerated development using **Cursor AI** and **AntiGravity**.

PROJECTS

SCOPEO – Real-Time Monitoring & AI-Powered Error Analysis

February 2025 – April 2025

A full-stack monitoring platform for tracking server health, uptime, and application errors via custom SDK integration.

- Built secure auth using **NextAuth.js, Google OAuth**, token-based flows, and **Zod** validation.
- Developed a **real-time dashboard** with Next.js 15 and WebSockets for live server health and error visualization.
- Implemented **AI-based error detection & suggestions**, significantly reducing debugging time.
- Designed a **scalable backend** (Express + TypeScript) with **Redis caching, MongoDB**, and scheduled Cron jobs.
- Link:** github.com/scopeo-tech/scopeo-monitor

SCOPEO Monitoring Library (Open Source)

February 2025 – April 2025

A lightweight performance monitoring SDK for Node.js services.

- Implemented **uptime, latency, traffic, and system resource monitoring** with low overhead and high accuracy.
- Built algorithms for **millisecond-level response analysis** and performance bottleneck detection.
- Designed a modular, class-based architecture for easy integration across projects.
- Link:** github.com/scopeo-tech/scopeo-package

EDUCATION

Bachelor of Science in Mathematics

October 2021 – March 2024

University of Calicut, Kerala, India

Graduated with 6.1 CGPA (Scale: 10)