

Rizwan Shaikh

Senior Full Stack Engineer | 10+ Years of Experience | 5+ Years – MERN Stack

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SUMMARY

Senior Full Stack Engineer / Technical Lead with 10+ years of experience, including 5+ years in MERN stack, specializing in multi-tenant SaaS platforms and high-concurrency system design. Delivered measurable impact including 40% faster API response times, 10x platform scalability, and enterprise client adoption using React.js, Node.js, TypeScript, and AWS. Combines deep technical execution with team leadership and client-facing ownership.

TECHNICAL SKILLS

Languages & Frontend: JavaScript (ES6+), TypeScript, React.js, Next.js, Redux Toolkit, Tailwind CSS

Backend & Databases: Node.js, Express.js, RESTful APIs, GraphQL, MongoDB, MySQL, PostgreSQL

Architecture, DevOps & Testing: System Design, Microservices, Multi-Tenant SaaS, JWT, WebSockets, Redis, BullMQ, Docker, CI/CD (GitHub Actions), Git, AWS (EC2, S3, SQS), Jest, Playwright, AI-assisted development (Copilot/Cursor/Claude Code), LLM API integration

EMPLOYMENT HISTORY

Recruitment Smart Technologies Private Ltd | Ahmedabad *Sep 2025 – Present* | Full-time
Senior Full Stack Developer – MERN Stack

Architecture owner for a multi-tenant B2B2B recruitment SaaS platform, from system design through production deployment.

- **Translate client requirements and PRDs into system design decisions**, validating direction directly in client demos alongside PM, QA, and sales stakeholders.
- **Built and shipped a multi-tenant B2B2B SaaS module** enabling agencies to onboard and monetize sub-clients with configurable access; now adopted by **2–3 enterprise clients**.
- **Cut deployment friction across the engineering team** by introducing CI/CD automation (GitHub Actions) and containerized delivery (Docker) to AWS, replacing manual release steps.
- **Own platform reliability during peak hiring cycles**, keeping the system stable under concurrent enterprise client workloads.

Tecmantras Solutions | Ahmedabad, India *Sep 2023 – Aug 2025*
Full Stack Developer – MERN Stack

Delivered a portfolio of independent client builds spanning e-commerce, event management, and no-code platforms.

- **Owned each client project end-to-end** — from technical design through release — across e-commerce, event management, and no-code platform builds.
- **Built an automated LinkedIn lead-generation tool** with email extraction and bulk campaigns, replacing a fully manual outreach process for the sales team.
- **Automated WhatsApp booking confirmations**, scaling daily event bookings from **10 to 100+** without additional manual coordination.
- **Built a drag-and-drop page builder** with content replication, cutting page-creation effort by **80%** for the content team.

OtrixWeb Solution | Ahmedabad, India *Jan 2017 – Aug 2023*
Senior Full Stack Web Developer

Sole technical owner for a multi-industry client base, combining hands-on development with team and client ownership.

- **Acted as the primary engineering point of contact for a multi-industry client base**, covering requirements scoping through deployment without a dedicated PM, while building and leading a small development team.
- **Delivered responsive, SEO-optimized websites with custom business features**, improving page performance and organic search visibility for clients.

Inception System | Ahmedabad, India *Mar 2013 – Dec 2016*

Full Stack Web Developer

- **Built e-commerce sites, blogs, and corporate portals** with custom functionality tailored to each client's business requirements.
- **Implemented front-end performance optimizations** (image compression, code minification, caching) and provided ongoing maintenance to resolve production issues.

PROJECTS

Multi-Tenant Client Hierarchy with AI-Powered Candidate Sourcing

Tech Stack: *React.js, Node.js, Express.js, MySQL, Redis, WebSockets, BullMQ*

- **Designed a Product - Client - Sub-Client hierarchy** with configurable **role-based access control**, letting clients pitch their hiring process to sub-clients and selectively expose product modules by access tier.
- **Built configurable email templates and client-specific theming** to support white-labeled hiring workflows per client.
- **Developed a candidate discovery flow using a RAG-based system** to semantically search and score candidate profiles against job requirements, surfacing ranked matches per job.
- **Integrated the Unipile API for LinkedIn sourcing**, enabling recruiters to filter and fetch external candidate profiles directly into a job's pipeline.
- **Architected a cross-service real-time notification system using Redis pub/sub and WebSockets**, cutting core API response times by **40%** and supporting **1,00,000+ concurrent requests** with low-latency delivery.

High-Concurrency Video Interview Infrastructure

Tech Stack: *Node.js, FFMPEG, AWS S3, Redis, Playwright*

- **Built a video interview pipeline scaled from 10–20 to 100+ concurrent sessions** through automated load and stress testing using Playwright.
- **Implemented direct-to-S3 chunked video uploads via pre-signed URLs**, removing backend API overhead and reducing upload latency by **~70%**.
- **Used FFMPEG for server-side video processing** and metadata extraction on uploaded interview recordings.
- **Routed uploads/streams to the nearest regional origin server** to minimize latency for geographically distributed candidates.

B2C E-Commerce Platform with Multi-Gateway Payments

Tech Stack: *Next.js, React.js, Laravel, Redux Toolkit, Firebase, Pusher*

- **Built a one-page checkout flow** integrating multiple payment gateways (**Mollie, PayPal, Razorpay**) for faster, frictionless purchase completion.
- **Developed complex product filtering and infinite scroll** for the product listing page, improving discoverability across large catalogs.
- **Implemented drag-and-drop product image reordering** for efficient catalog and merchandising management.
- **Optimized for SEO and performance using Next.js SSR** (server-side rendering) and **lazy loading**, improving page load speed and search visibility.
- **Managed application state with Redux Toolkit** and integrated **Firebase/Pusher** for real-time storefront updates.

Automated Job Scraper & Real-Time Notification System

Tech Stack: *React.js, Node.js, MongoDB, Firebase, WebSockets, Puppeteer, RabbitMQ, AMQP*

- **Built a full-stack automated job-scraping platform using Puppeteer** for browser automation and data extraction.
- **Implemented JWT authentication with role-based access control** for secure multi-user access.
- **Integrated real-time notifications via Firebase and WebSockets** to alert users instantly on new matches.
- **Designed microservices using RabbitMQ/AMQP** to handle asynchronous email and WhatsApp alert delivery at scale.

EDUCATION

Master of Science in Computer Application and Information Technology – 2013

K.S. School of Business Management – India