

Mohd Touseef Jamal

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SUMMARY

Full-stack engineer with **5+** years of experience in owning production-grade platforms across **CRM, ERP, LMS, and E-commerce**. Recently led a 4-member team to deliver an ERP system in 8 months for [CastFast](#) (a German casting-procurement marketplace) and built [AI Engg](#), an LMS with multi-gateway checkout - took 300 enrollments worth INR 2.5 Cr in the first cohort.

SKILLS

Front End: React, Next.js, Vue, Nuxt.js, React Native, TypeScript, Tailwind, Redux, Zustand, React Query, JavaScript, HTML, CSS

Back End: Node.js, Express, Go, PHP, NestJS, REST APIs, MySQL, PostgreSQL, MongoDB, Webhooks, RBAC

Tools & Architecture: AWS, Docker, Playwright E2E, Sentry, Mixpanel, PostHog, Git, Vite, UX/UI, i18n, Core Web Vitals

EXPERIENCE

The Product Highway - Full-stack Engineer (SDE-2)

(Apr 2025 - Sept 2026)

- **CastFast (Multi-tenant ERP Platform)** - Owned front-end architecture and delivery as the client-facing engineer, leading a 4-member team and design review, working directly with the German founding team from requirements to launch, in 8-9 months.
- **E2E Testing & Error Monitoring** - Integrated Playwright suite for auth, RBAC controls and critical workflows; configured Sentry for error monitoring and real-time alerting, reducing regression overhead and mean time to detection.
- **Migrated a legacy sub-module** directly into the main repository; resolved React version conflicts, and eliminated external dependency.
- **Built a session-based access-locking mechanism** to prevent concurrent access and multi-tab conflicts, ensuring data integrity.
- **GrayPorter (E-commerce Platform)** - Led the end-to-end revamp of the storefront, driving product research, design reviews and front-end architecture.
- **Built an AI-powered voice shopping interface** by integrating an internal **RAG and tool-calling platform**, enabling customers to ask product questions, fetch live pricing, get camera recommendations, and receive order assistance.
- **Re-architected server state using React Query** (handled request deduplication, background sync, stale-while-revalidate), eliminated SSR hydration inconsistencies and removed duplicate in-flight requests to serve from cache instead of re-hitting APIs.
- **Reduced bundle size** from 4.2MB → 2.8MB & improved Time-to-Interactive by 30% by deferring non-critical module loading.
- **Improved product page Lighthouse performance (23 → 64)**: LCP 5.2s → 2.4s, and TTFB 2.7s → 1.1s, with FCP and CLS gains.
- **Mixpanel integration to instrument product features and user flows**, giving the team visibility into how customers move through the store and where they drop off.

InterviewReady - Full-stack Engineer (SDE-2)

(Jan 2025 - Apr 2025)

- **Core Platform Ownership** - Served as a core contributor across the platform, owning the development of major user-facing experiences, including the landing page, learn page, checkout page, course preview page, etc.
- **System Design Judge** - Led development of an Online Judge using Next.js & ReactFlow, allowing admins to create questions & users to solve them and receive structured feedback on their solutions. Embedded it into Vue.js-based LMS through iframe integration.
- **AI Bot Management Platform** - Built custom bot creation with document ingestion, embedding-based retrieval and RAG-powered responses.

InterviewReady - Full-stack Engineer (SDE-1)

(Oct 2022 - Jan 2025)

- **Performance Optimization (LMS Video Page)** - Solely improved UX/UI & load time of video page from 6.2s → 1.5s by eliminating duplicate API calls and restructuring poorly composed component tree. Reduced bounce rate by 50%, increasing user retention by 4x.
- **Enhanced campaign banner engine** - Built a user-state based banner engine to display campaigns, announcements & live classes based on login & enrollment status. It contributed to 60% growth in sales and 20% increase in live class attendance.
- **Feature flag architecture** - Implemented it in the Online Judge for controlled roll-outs & A/B testing.
- **TypeScript migration** - Revamped platform from JavaScript to TypeScript, reducing runtime errors & speeding up development.
- **Discussion Microservice & Moderation System** - Built an end-to-end discussion capability enabling users to comment and admins to track & respond through a management portal; reduced admin response time & increased user engagement by 3x.

Freelance Web Developer

(May 2021 - Sept 2022)

- **CRM System (Apna Pariwar)** [LINK](#): Built a multi-tenant ERP platform and a WebView-based mobile app for **Dalmia**, managing 8+ services for 9000+ employees, featuring complaint tracking, electricity bill & rent management, inventory management, etc.
- **CRM System (E-Sathi)** [LINK](#): Delivered a multi-tenant company resource management platform to **Dalmia**, featuring guest house booking, food ordering & vehicle booking services; Digitized paper-based company operations and handling 500+ daily requests.
- **Marketing Agency (Social Tasveer)** [LINK](#): Developed a GSAP-powered marketing website for Social Tasveer and delivered multiple client-facing business websites with high-performance animations and interactive user experiences.

PROJECTS

AI Engg — [LINK](#)

[Next.js, React Query, Zustand, Go, PostgreSQL]

- Built a cohort-based platform from scratch with LMS capabilities (Zoom recording ingestion, progress tracking, quiz engine, in-browser PDF rendering), leveraging Next.js with SSR & React Query-based server-state architecture for efficient data fetching and rendering.
- Integrated Vimeo video player for recorded lessons, implemented multiple payment gateways (Razorpay, Stripe, PayPal) with webhook-based verification, and enabled Google OAuth for secure authentication.

Kapilash Pariwar — [LINK](#) — [DEMO VIDEO](#)

[Nuxt.js, React Native, Pinia, Node.js, MySQL]

- Engineered a large-scale ERP platform with 12+ modules (complaint, medicine, laundry, vegetable billing, and more), **handling 5000+ requests/day**, automating excel report generation and **designed a granular module-and-action based access control system**.
- Built a **React Native mobile app** and web admin panel, enabling real-time service requests and centralized operations management.

EDUCATION

Bachelor Of Computer Application — Integral University

[8.13 CGPA — 2021]