Sujal

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EXPERIENCE

Freelance   Remote
Independent Contractor   *Dec 2025 – Present*

Supersquad:
- **Architected multi-tenant SaaS platform** with RBAC (Host/Master Admin roles), event approval workflows, and content moderation. Serving multiple businesses from a single codebase.
- **Designed complete backend** with 15+ MongoDB schemas, 40+ REST APIs, discount engine (percentage/flat), leads dashboard with abandoned cart views, and immutable booking records.
- **Built complete payment system** with Cashfree integration: idempotent webhook handling, atomic updates preventing double-spending, retry-after-fail logic, and free RSVP flow for zero-price orders.
- **Delivered MVP in 4 weeks** including cloud deployment (Azure, Nginx, SSL), Sentry error tracking, UptimeRobot monitoring, custom domain configuration and documentation.

AI-Focused Early Stage Startup:
- **Stabilized large TypeScript codebase** by resolving 1,500+ type errors across 140+ files, uncovering runtime bugs caused by schema inconsistencies.
- **Wrote migration scripts** to safely transition legacy data to updated architecture.
- **Fixed critical concurrency bug** causing silent data loss; scaled reliable processing from 18-page to 225+ page documents with zero loss.

Dm2buy   Noida
Software Engineer (SDE-1)   *June 2025 – Nov 2025*

- **Slashed infra costs by 40%** ($280 → $166/mo) by refactoring data-heavy pages from **SSR to CSR**, improving scalability while preserving UX.
- **Architected multi-tenant theming & font system** powering **25,000+ live stores** (e.g. fashioncapital.dm2buy.com) with **consistent branding and zero regressions post-release**.
- Designed **idempotent order processing flow** and fixed **race condition**, ensuring **atomic state during concurrent updates** across **1.5Cr+ in monthly transactions**.
- **Optimized core platform performance**, consolidating 5 API calls into one to reduce payload by **92% (200KB → 15KB)** and cut load time by over **50% (approx 188ms → 80ms)**.

Quvor   Mumbai
Frontend Engineer   *July 2024 – May 2025*

- **Improved Core Web Vitals by 50%**, optimizing authentication LCP from **14s to 7s** by diagnosing TCP/TLS bottlenecks and implementing dynamic preconnect hints for Remix SSR.
- **Built a high-performance member management** system using compound components, cutting new feature development time by **80%**.
- **Developed a complex post-creation system** with 3-level nested modals, rich text editing, and resilient media uploads, handling all edge cases for a robust user experience.
- **Implemented modular state management with Zustand**, adopting a scalable **slice-based architecture** for predictable state transitions.

SKILLS

Programming Languages: JavaScript, TypeScript
Frontend: React, Next.js, Remix, React Router, Zustand, Tailwind CSS
Backend: Node.js, Express, REST APIs, MongoDB, Mongoose
Cloud & DevOps: Azure VMs, Nginx, PM2, SSL, Certbot, Docker, Cloudinary
Tools: Git, Postman, Sentry, Chrome DevTools, Vim
Others: System Design (HLD/LLD), Performance Optimization, Component Architecture

EDUCATION

Mahatma Jyotiba Phule Rohilkhand University   Bareilly, Uttar Pradesh
Bachelor of Computer Applications - 67.7%   *July. 2021 – July 2024*