BADAL KUMAR

Frontend Developer | React.js • Next.js • TypeScript • Tailwind CSS

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PROFESSIONAL SUMMARY

Frontend Developer with 2+ years of professional software engineering experience designing, developing, and deploying scalable web applications, multi-tenant enterprise CRMs, and high-conversion commercial platforms. Specialized in engineering responsive, pixel-perfect user interfaces with React.js, Next.js, TypeScript, and Redux Toolkit, backed by seamless RESTful API integration, custom hooks architecture, and client-side performance optimization. Total Experience: 2 Years 2 Months (Koncept Software Solutions: March 2025 – Present; Nickicon Pvt. Ltd.: 6 Months Internship). Notice Period: Strictly 30 Days (1 Month). Proven track record of delivering 20+ production systems spanning enterprise quotation engines, real-time WebSockets, Agora RTC SDK video/audio consultations, automated GST billing pipelines, and 95+ Google Lighthouse performance scores.

TECHNICAL SKILLS

- **Languages & Core:** JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Frameworks & Libraries:** React.js (React Hooks, JSX), Next.js, React Router DOM
- **State Management & Data:** Redux Toolkit, Context API, REST API Integration (Axios, Fetch)
- **Styling & UI Systems:** Tailwind CSS, Bootstrap, Material UI, Responsive Web Design
- **Tooling & Optimization:** Git, GitHub, Vite, npm, Performance Optimization, Route Code Splitting, Lighthouse (95+)

WORK EXPERIENCE

Frontend Developer | Koncept Software Solutions, New Delhi **March 2025 – Present (1 Year 8 Months | Full-time On-site)**

- Architected and deployed responsive frontend architectures for 20+ commercial client platforms and multi-tenant enterprise CRMs using React.js, Next.js, TypeScript, and Tailwind CSS.
- Engineered centralized state management using Redux Toolkit and Context API, integrating 30+ RESTful APIs with Axios interceptors for authenticated JWT sessions and error handling.
- Developed multiple enterprise CRMs featuring quotation calculation engines, client lead matrices, and automated multi-slab GST billing workflows (CGST/SGST/IGST), cutting manual quotation drafting time by 60%.
- Integrated Razorpay and PayU checkout systems with client-side tokenization, instant status verification modals, and webhook-driven state synchronization, achieving 99.8% transaction success rate.
- Built real-time collaborative UI modules using WebSockets and integrated Agora Web RTC SDK for low-latency 1-on-1 audio/video consultations with authenticated token sessions.
- Automated dynamic GST invoice PDF generation (jsPDF) and bulk Excel import/export pipelines (SheetJS) with multi-parameter filtering, eliminating manual billing overhead.
- Achieved 95+ Google Lighthouse mobile performance scores across production applications via route code splitting, lazy loading, and asset compression, cutting initial load times under 1.2s.

Frontend Developer Intern | Nickicon Pvt. Ltd., India (Remote) **June 2024 – November 2024 (6 Months)**

- Developed dynamic, component-driven user interfaces and reusable UI component libraries using React.js, modern JavaScript (ES6+), and Tailwind CSS.
- Integrated third-party RESTful APIs, managed asynchronous application state with Redux Toolkit, and optimized client-side rendering speed across cross-browser environments.
- Collaborated closely with senior engineers in an agile sprint workflow using Git and GitHub for version control, code reviews, and sprint deliverables.

PROJECTS: ENTERPRISE CRMS & OPERATIONS PLATFORMS (B2B)

[Note for Technical Interviewers: Enterprise CRM systems below are confidential internal business portals protected by Role-Based Access Control (RBAC). Architecture diagrams, UI workflows, and live walkthroughs are demonstrated during technical interviews.]

Munafa CRM: Multi-Tenant Enterprise CRM & GST Billing Platform [**koncept-invoice.pages.dev**] *(Role-Protected B2B Portal)*

Tech Stack: React.js, TypeScript, Tailwind CSS, Redux Toolkit, PayU, SheetJS, jsPDF

- Single-handedly architected and developed the multi-tenant business suite frontend featuring 10+ operational modules: leads, client lifecycle, suppliers, employees, products, tasks, documents, invoices, quotations, purchase orders, and payment receipts.
- Engineered tenant-aware dynamic routing (/:type/*), role-based access control UI (Admin, Manager, Staff), and automated multi-slab GST calculation engine (CGST/SGST/IGST).
- Integrated PayU subscription payment checkout, automated webhook confirmation state updates, and client balance ledger reconciliation.

CaseStack: Smart Case Diary & Court Hearing CRM for Law Firms [**casestack.in**] *(Role-Protected B2B Portal)*

Tech Stack: React.js, TypeScript, Tailwind CSS, Redux Toolkit, REST APIs

- Full-featured legal CRM designed for advocates and law firms to manage active cases, track court hearing schedules, client communication logs, and legal documentation timelines.
- Built automated case status telemetry and hearing reminder alerts with filterable calendar views across district and high court jurisdictions.

Crystalion Engineers CRM: Industrial Quotation Engine & Tender Pipeline [**crystalionengineers.pages.dev/login**] *(Role-Protected B2B Portal)*

Tech Stack: React.js, Tailwind CSS, jsPDF, REST APIs

- Engineered heavy industrial equipment sales quotation engine with automated bill-of-materials (BOM) cost calculations, margin controls, and tender submission tracking.

- Automated PDF export of formal corporate proposals with multi-tier approval sign-offs and AMC renewal reminder triggers.

Neeravi Solutions CRM: Sales Pipeline & Proforma Invoice Generator [**neeravi-crm.pages.dev/login**] *(Role-Protected B2B Portal)*

Tech Stack: React.js, Tailwind CSS, Redux Toolkit, REST APIs

- Built complete sales lead ingestion CRM with deal progression matrix, client communication history, and automated Proforma Invoice (PI) generation.
- Integrated sales team activity logs, conversion rate analytics dashboards, and role-based client contact hiding.

UDCD Legal Diary CRM: Hearing Telemetry & Court Scraper Suite [**udcd-android-app.pages.dev**] *(Role-Protected B2B Portal)*

Tech Stack: React.js, Tailwind CSS, REST APIs, Service Workers

- Advocate litigation tracking suite featuring daily court causelist ingestion, client notification triggers, and offline-first diary access via Service Workers.

VRD CRM: Enterprise Operations Suite with Bulk Data Ingestion [**vrd-crm.pages.dev**] *(Role-Protected B2B Portal)*

Tech Stack: React.js, TypeScript, SheetJS, Tailwind CSS, REST APIs

- Enterprise back-office workflow engine with bulk Excel/CSV data ingestion via SheetJS, multi-column validation filters, and operational audit trails.

PROJECTS: COMMERCIAL WEB PLATFORMS

Sugarbliss: Bespoke Luxury Gifting E-Commerce Store [**sugarbliss.com.co**]

Tech Stack: React.js, TypeScript, Tailwind CSS, Redux Toolkit, REST APIs

- Bespoke luxury gifting e-commerce platform with custom gift hamper builder: real-time visual product customization, add-on selector, and dynamic pricing recalculation.
- Engineered multi-item cart management, Pan-India courier delivery slot calendar, promo code engine, and seamless mobile-responsive shopping checkout.

Drivora: On-Demand & Monthly Driver Booking Platform [**drivora.co.in**]

Tech Stack: React.js, TypeScript, Tailwind CSS, Google Maps API, REST APIs

- Built driver booking portal with service tiers (City, Outstation, Daily Commute), real-time distance and fare estimation, driver onboarding funnel, and booking notifications.

Legal Papers India: Legal Document Drafting & Stamp Paper Portal [**legalpapersindia.in**]

Tech Stack: React.js, TypeScript, jsPDF, Tailwind CSS, REST APIs

- Customer portal for automated legal document drafting, affidavits, and online e-stamp paper fulfillment with step-by-step document questionnaires and live preview generation.

AlgoTipp: International Video/Audio Expert Consultation Platform [**algotipp.com**]

Tech Stack: React.js, Agora RTC SDK, WebSockets, Redux Toolkit, PayU, JWT

- Implemented real-time 1-on-1 video/audio consultation sessions via Agora Web SDK, real-time WebSocket messaging with session timers, and PayU wallet top-ups.

NeerajBooks: High-Volume Educational Bookstore [**neerajbooks.com**]

Tech Stack: React.js, Redux Toolkit, PayU, Tailwind CSS, Vite

- High-traffic academic e-commerce bookstore serving 10,000+ publications: search & filtering across thousands of titles, cart management, PayU checkout, and in-browser canvas PDF reader.

Kitab Street: Digital E-Book Marketplace & Reader Storefront [**kitabstreet.com**]

Tech Stack: React.js, Redux Toolkit, Razorpay, Tailwind CSS

- Multi-publisher digital bookstore with nested category routing, instant ebook search, Razorpay checkout, digital library reader, and seller listing management.

Tricity Engineers: Sustainable Engineering & Industrial EPC Corporate Portal [**tricityengineers.in**]

Tech Stack: React.js, TypeScript, Tailwind CSS, Vite, Cloudflare Pages

- Corporate portal for sustainable engineering solutions: project milestone timelines, client testimonials, and customized RFP assessment submission flows.

United Horeca: Commercial Kitchen Engineering & Hospitality Solutions [**unitedhoreca.com**]

Tech Stack: React.js, TypeScript, Tailwind CSS, Vite, Cloudflare Pages

- Commercial kitchen engineering solutions portal for hotels and restaurants with equipment catalog and instant RFQ quotation generation.

United Infra & Power: Industrial Power & Infrastructure EPC Showcase [**unitedinfrapower.in**]

Tech Stack: React.js, TypeScript, Tailwind CSS, Vite, Cloudflare Pages

- Industrial engineering web presence showcasing complex nationwide infrastructure and power EPC execution, project portfolios, and compliance benchmarks.

• **Additional Production Deployments:** ProcX (procx.pages.dev) | Fresko (fresko.in) | IGNOUwala (ignouwala.com)

EDUCATION

Bachelor of Computer Applications (BCA) | Indira Gandhi National Open University (IGNOU) **2024 – 2027 Ongoing (Distance Learning)**