

Md Aquib Yazdani

Full Stack Engineer | React • Node.js • Next.js • TypeScript • MERN Stack • AI Integration
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PROFESSIONAL SUMMARY

Full Stack Engineer with over 5 years of experience shipping production-grade MERN stack applications at scale. Engineered the Times of India ePaper platform within the Times Group digital ecosystem (10M+ digital DAU, 60M+ app MAU) and the American Arbitration Association's legal-tech arbitration platform (180K+ annual cases). Specialized in full stack architecture, React and Node.js development, micro-frontends, performance engineering, and AI/LLM integration. Consistent track record of end-to-end ownership across high-traffic products, leading direct reports, and conducting senior-level technical interviews. Currently deepening work in AI-integrated full stack systems and edge rendering patterns.

SKILLS SUMMARY

- **Languages:** JavaScript (ES6+), TypeScript, SQL, HTML5, CSS3, SCSS
- **Frontend:** React, Next.js, Tailwind CSS, Material UI, Styled Components, Framer Motion, Bootstrap, Storybook
- **Backend:** Node.js, NestJS, Express.js, MongoDB, REST APIs, GraphQL, WebSockets
- **Architecture:** Micro-Frontends, Webpack Module Federation, SSR, SSG, ISR, BFF Pattern, Design Systems, Component-Driven Development
- **State & Data:** Redux, Redux Toolkit, Zustand, Context API, React Query
- **AI & Dev Tools:** Claude API, LLM Integration, Streaming Responses, Prompt Engineering, GitHub Copilot, Cursor, Claude Code
- **Performance:** Core Web Vitals (LCP, INP, CLS), Lighthouse, Code Splitting, Lazy Loading, List Virtualization, Bundle Analysis, CDN
- **Testing:** Jest, React Testing Library, Cypress, Playwright
- **Build & Tooling:** Vite, Webpack, Babel, ESLint, Prettier
- **Cloud & Deployment:** AWS (S3, CloudFront), Netlify, Docker, Kubernetes
- **Monitoring & Observability:** Prometheus, Grafana, Datadog
- **Quality & Standards:** WCAG 2.1 Accessibility, i18n/Localization, SEO, Web Speech API, Google Analytics, GTM
- **Collaboration:** Git, GitHub, GitLab, Jira, Agile/Scrum, Code Reviews, Mentoring, Technical Interviewing

EXPERIENCE

- **Zensar Technologies** Hybrid-Pune
Senior Software Engineer (Full-time) Jun 2025 - Present
 - Own end-to-end full stack delivery for the **AAA Digital Dispute Resolution platform**, a legal-grade arbitration system for the American Arbitration Association (~88% market share, 180K+ annual cases).
 - Architected the multi-step case submission module in **React and TypeScript** with chunked document uploads, draft auto-persistence, and schema-driven validation, replacing a fragmented legacy flow.
 - Integrated the **Claude API** into arbitration dashboards with streaming responses, auto-summarizing 30 to 60 page case documents into navigable briefs, reducing arbitrator review time.
 - Shipped a **multi-tenant Auth0 SSO platform** end-to-end (POC to production) across 3 tenant configurations, engineering a Node.js backend with custom token-exchange middleware, Universal Login, and RBAC.
 - Contributing to a micro-frontend modernization via **Webpack Module Federation**, enabling independent team deploys and incremental migration off a legacy monolith.
 - Migrated legacy build configuration to **Vite**, reducing build times by 4.5x and cutting HMR feedback to sub-second.
 - Refactored prop-drilled UI to **Zustand** with sliced stores, eliminating redundant re-renders on the highest-churn screens.
 - Established **Jest and React Testing Library** coverage across filter logic and async workflows, preventing regressions during weekly releases.
 - Drove **WCAG 2.1 AA compliance** via keyboard navigation, ARIA semantics, and focus management for statutorily required legal accessibility.
 - Conducted 20+ senior-level frontend interviews, led PR reviews, and mentored junior engineers.
- **Harns Technologies** Hybrid-Mumbai
Software Development Engineer II (Full-time) Jun 2021 - Jun 2025
 - Owned and shipped the **Times of India ePaper platform** from scratch to production, part of the Times Group digital ecosystem (10M+ digital DAU, 60M+ app MAU).

- Extended the ePaper architecture to launch 3 additional regional ePapers with a shared React component library reused across all editions.
- Spearheaded **Adlob**, Times of India's unified ad booking platform used by 200+ media agencies, with virtualized calendar inventory grids and booking management.
- Resolved a rendering bottleneck on archive views through **list virtualization and lazy hydration**, bringing DOM render time from ~20s to under 1s.
- Engineered the ePaper on React with SSR, Context API, and analytics integrations supporting ad-revenue monetization; built a text-to-speech reader via the Web Speech API.
- Delivered advanced multi-keyword archive search across years of historical editions with boolean operators, date ranges, and edition filters.
- Achieved strong Lighthouse and Core Web Vitals scores through code splitting, lazy loading, and route-level prefetching; drove WCAG 2.1 AA compliance for a mass-market news audience.
- Delivered **Libsi Markah** multilingual e-commerce platform full stack on Next.js and Node.js, developing REST API endpoints, middleware, server-side rendering, payment flow, product pages, and cart, with Redux Toolkit for state management, SEO-friendly practices, and localization across multiple languages.
- Built a full stack custom CMS with a Node.js backend and React frontend, handling content ingestion, API design, and editorial workflows that enabled teams to self-serve podcast and post publishing and removed engineering as a bottleneck.
- Mentored and led a team of **5 frontend engineers** as direct reports, directing task planning, code reviews, and delivery timelines.
- Owned on-call coverage during peak-traffic releases for major national events including general elections and the Union Budget, ensuring zero-downtime delivery.

NOTABLE PROJECTS

- **WooVet** (woovet.com) — Next.js, Node.js, TypeScript. AI-powered veterinary practice management platform (PIMS) serving 50+ hospitals. Features AI-assisted clinical diagnostics (Coggo Assess), voice-driven SOAP note generation (Coggo Voice), and a real-time clinic management whiteboard. Migrated from a legacy stack to a full stack Next.js and Node.js architecture.
- **Libsi Markah** (libsimarkah.com) — Next.js, Node.js, Redux Toolkit. Multilingual e-commerce platform built full stack on Next.js and Node.js, covering REST API development, payment flow, product pages, cart, SEO-friendly practices, and localization across multiple languages.

EDUCATION

- **Heritage Institute of Technology** Kolkata, India
B.Tech, Chemical Engineering 2016 - 2020

HONORS AND AWARDS

- **Customer Focus Award** — Recognized for client-delivery excellence on high-traffic Times Group production products.