NAUMAN MAJEED

Frontend Engineer | React, Next.js, TypeScript | Full Stack (MERN)

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LinkedIn | GitHub | npm | Portfolio

PROFESSIONAL SUMMARY

Frontend Engineer with 2+ years of experience building production React, React Native, Next.js, and TypeScript applications across healthcare, SaaS, AI, and e-commerce. Experienced in developing accessible, responsive, high-performance web and mobile applications, integrating REST and GraphQL APIs, and collaborating with cross-functional teams to deliver scalable products.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS

Frontend Frameworks & Libraries: React (incl. React 19), Next.js (App Router & Pages Router), React Native, Redux, Zustand, React Query, TanStack Query, Apollo Client, Zod

Styling & UI: Tailwind CSS, styled components, CSS Modules, Material UI (MUI), responsive design, cross browser compatibility, Accessibility (WCAG 2.1), semantic HTML, keyboard navigation

Backend & APIs: Node.js, Express.js, MongoDB, Redis, BullMQ, REST APIs, GraphQL, WebSocket, Socket.IO

AI / LLM Integration: OpenAI GPT-4 APIs, Ollama (Qwen 2.5), Qdrant vector database, RAG pipelines, prompt engineering, on-premise AI assistants

Authentication & Security: OAuth 2.0, JWT (access/refresh tokens), OIDC + PKCE, SCIM 2.0, Argon2 password hashing, TOTP 2FA, WebAuthn passkeys, CSRF protection, rate limiting, session rotation, XSS and injection mitigation

Performance & PWA: SSR, SSG, ISR, route-based code splitting, vendor chunking, Workbox, Lighthouse optimization, lazy loading, image optimization

Build Tools: Webpack, Vite, Metro, Rollup, Babel, ESLint, Prettier

Testing: Jest, Vitest, Playwright, React Testing Library, Testcontainers, k6 (load testing)

DevOps & Observability: Git, GitHub, Docker, Vercel, Netlify, GitHub Actions (CI/CD), Prometheus, Grafana, Jaeger, OpenTelemetry, Sentry, Trivy

Analytics & Tracking: Google Analytics 4 (GA4), GTM, GTag, conversion funnels, event tracking

Design Tools: Figma, Storybook

Other: Cloudinary, Firebase (Auth, Firestore, Realtime DB), PDFKit, CKEditor 5, DOMPurify, Stripe integration

PROFESSIONAL EXPERIENCE

Software Engineer (Frontend) | Buch International Hospital **Mar 2026 to Present**

Multan, Pakistan

- Architecting an internal Hospital Management System (HMS) in **React 19** and **TypeScript** to replace a costly licensed third party platform. Designed from day one as a **white-label, multi-tenant SaaS** for licensing to other hospitals on a subscription basis.
- Engineering a fully **dynamic, role-based UI layer** where modules, menu items, and permissions are configurable per role and per tenant. Onboarding new hospital clients requires zero frontend code changes.
- Collaborating with .NET backend engineers to define API contracts, data models, and authentication flows for a multi-tenant healthcare environment with strict access control and audit requirements.
- Building reusable component libraries and design tokens to enforce visual consistency across modules (patients, appointments, billing, EMR, pharmacy, lab, admin & more).
- Participated in Agile sprint planning, daily standups, code reviews, and cross-functional collaboration.

Software Engineer (React.js / Next.js) | Sparkosol **May 2025 to Mar 2026**

Multan, Pakistan

- **Mystock.bg (E-commerce)**: Built a Next.js storefront with full **Google Analytics 4 + GTag** instrumentation for conversion funnels and event tracking. Engineered **real-time multi-device cart synchronization** so logged in users see cart updates propagate instantly across all active sessions. Also delivered backend work on the full MERN stack: secure **OAuth 2.0** flows with access and refresh tokens, request throttling, and remediation of XSS, CSRF, and injection vulnerabilities.
- **MySpace (Cross Border E-commerce Admin)**: Built the React.js admin panel powering a US to Iran (and other restricted region) parcel forwarding service serving **thousands of active customers**. Features included shipping and tracking management, on demand real-time parcel image uploads, warehouse managed product bundles (customers parking multiple US purchased items before consolidated shipping), and customer query handling. The admin panel was the operational backbone of the business and the primary driver of revenue growth and customer retention.
- **Punchpad (SaaS Builder + Admin)**: Developed React + Next.js interfaces for both the **builder facing application and the internal admin platform** of punchpad.app, with role-based dashboards, modular feature gating, and SSR optimized SEO.
- **Kingofthecurve (AI-Powered Classroom)**: Built the React.js admin and teacher panel for kingofthecurve.org, enabling instructors to manage students and classrooms while AI auto generates curriculum content (MCQs, comprehension passages, essay prompts, full tests) with engagement analytics per activity type.
- **Veevet (Veterinary Platform)**: Contributed admin and customer panels for an SEO driven Next.js platform connecting hospitals, vets, and pet owners for in person and telemedicine appointments, with role-based access across user types.
- **Wishlist Template**: Delivered a framework free, hand crafted HTML and CSS template for wishlist.com optimized for non technical client editing and integration into the client's SSR backend; prioritized clean component patterns, reusable utility classes, and instant page load.

Software Engineer (React.js) | Nomad's Tech (GeoLanes LLC engagement) **Aug 2024 to Apr 2025**
Lahore, Pakistan / California, USA (Remote, Staff Augmentation)

- Developed end-to-end frontend for **GeoLanes**, a US tourism platform, covering both the customer facing experience and the admin dashboards, with a **GraphQL data layer (Apollo Client)** for efficient query batching and cache normalization.
- Integrated **GPT-4 APIs** to replace static recommendations with personalized AI generated tour suggestions tailored to each user's history and preferences.
- Built role-based admin portals (super admin, enterprise admin, team level) with granular RBAC, optimized session handling, and a configurable access control layer that significantly reduced onboarding time for new enterprise tenants.
- Applied frontend performance best practices (route-based code splitting, lazy loading, image optimization) that materially improved page load times and engagement.

Software Engineer (Frontend Internship) | Paradigm Soft **Jan 2024 to Jul 2024**
Lahore, Pakistan

- Built a **matrimonial platform** supporting **multi-profile management per account** (e.g., parents managing multiple children's profiles), real-time chat, media galleries, payment integration, and WhatsApp deep link sharing.
- Developed a multi category **e-commerce platform** with live order notifications, multiple payment gateway integrations, and in-app customer to seller chat.
- Started as Frontend Intern (Jan to Mar 2024): contributed to live CRM and admin dashboard projects, built a Firebase-powered chat feature, delivered a "Thoughts Book" notebook app on Firebase, and completed a Next.js practice project focused on animation patterns.

Freelance Work (Frontend)

- **Joolian.ai (Matrimonial Platform)**: Owned both the **Next.js marketing and web product** (live at joolian.ai, SEO optimized SSR) and a companion **React Native mobile app** (in development); implemented onboarding, profile cross matching, filtering, notifications, and chat.

FEATURED PROJECTS

Dashify | *Multi-Tenant B2B SaaS Platform (Solo Build, In Active Development)*
Stack: *TypeScript, Node.js, React, MongoDB, Redis, BullMQ, Socket.IO, Ollama, Qdrant*

- Architected a multi-tenant SaaS for organizational operations (Project Management, HR, RBAC, Billing) with a **three-tier hierarchy** (SuperAdmin to OrgAdmin to User), package based feature gating, and per action audit logging.
- Hardened authentication: httpOnly cookies, **CSRF protection, Argon2 password hashing, TOTP 2FA, WebAuthn passkeys**, session rotation, and a single flight refresh circuit breaker.
- Shipped enterprise plumbing: per-tenant **OIDC SSO with PKCE + JIT provisioning, SCIM 2.0** user sync, and SHA-256 hashed Personal Access Tokens (PATs).
- Built a **Jira tier project management suite** (sprints, backlog ranking, burndown charts, WIP enforcement, work item links, watchers, time logs, taxonomy) across **25 phased releases**.
- Integrated an **on-prem AI assistant** using Ollama (Qwen 2.5) + Qdrant vector DB with a nightly RAG indexer over files, knowledge base, and announcements (PDF + DOCX extraction), tenant partitioned for data isolation.
- Optimized the SPA into a Workbox-powered PWA. Reduced main bundle from **4.69 MB to 2.38 MB (47% gzipped reduction)** via route-based code splitting and vendor chunking.
- Stood up full observability and CI: Prometheus, Grafana, Jaeger (OpenTelemetry), Sentry, Vitest, Playwright, Testcontainers, k6 load testing, and Trivy vulnerability scans.
- Built domain modules end-to-end: Files (Cloudinary), Invoices (PDFKit + AR state machine), Knowledge Base (CKEditor + DOMPurify), OKRs with alignment trees, Announcements, Team and Manager dashboards, and real-time chat with atomic per channel sequencing and read receipts (Socket.IO + Redis adapter).

Spendwy | *Privacy-First Personal Finance Mobile App (Published on Google Play)*
Stack*: React Native (Expo), TypeScript, SQLite, MMKV, TensorFlow Lite, Android*

- Built and published a production React Native application on Google Play focused on privacy-first personal finance management with offline-first architecture.
- Designed intelligent transaction detection using Android Notification Listener APIs with a hybrid rule-based parser and on-device TensorFlow Lite model to automatically identify expenses while keeping user data on the device.
- Implemented expense tracking, budgeting, account management, bill reminders, analytics dashboards, recurring transactions, and group expense splitting.
- Optimized application performance through efficient state management, reusable component architecture, lazy loading, and responsive mobile UI patterns.
- Managed the complete release lifecycle including Play Console configuration, internal testing, closed testing, production deployment, versioning, signing, and app updates.

Google Play: https://play.google.com/store/apps/details?id=com.spendwy.app

Open-Source npm Packages | *3 Published Packages*
Stack: *TypeScript, React, Rollup, Zod*

- **@inaumanmajeed/skeletonify (v0.3.1)**: npmjs.com/package/@inaumanmajeed/skeletonify
- **assets-mapper (v2.2.0)**: npmjs.com/package/assets-mapper
- **filters-query-params (v1.0.1)**: npmjs.com/package/filters-query-params

Mazify | *Algorithmic Maze Generator and Solver*
Stack: *JavaScript, HTML5 Canvas*

- Implemented **Wilson's Algorithm** for unbiased uniform spanning tree maze generation, plus interactive resolution visualization. Live: mazify.nauman.live.

Other Side Projects | *Frontend and animation playground*
Stack: *React, Next.js, vanilla JS, CSS*

- thoughts.nauman.live (notes app with UI polish), epicrealm.netlify.app (UI animations practice), Mozaik Partners, Nature CSS Grid, Omnidrop, CryptoNextjs, Netflix Clone, jsPractice (vanilla JS exercises). All on github.com/inaumanmajeed.

EDUCATION

Bachelor's Degree
University of Education, Lahore, Pakistan

LANGUAGES

English (Professional Working Proficiency) | Urdu (Native)