

ZAID NAEEM

Senior Software Engineer | React, TypeScript, React Native & Ruby on Rails

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PROFESSIONAL SUMMARY

Senior Software Engineer with 4+ years of professional product-engineering experience delivering production web, mobile, and backend capabilities for a mature multi-tenant enterprise SaaS suite serving 3,000+ organizations and 2.5M users. Frontend-centered across React, TypeScript, and React Native, with substantial hands-on Ruby on Rails and MySQL experience spanning REST/JSON APIs, ActiveRecord queries, serializers/presenters, permissions, background processing, and production data workflows. Recent work includes a multi-product dashboard and data-visualization modernization and production accessibility improvements for blind and low-vision users. Earned two promotions by growing from end-to-end mobile delivery into shared-platform ownership, React modernization, architecture guidance, code review, mentoring, performance engineering, and cross-product integration. Uses Cursor and Claude daily for implementation, debugging, refactoring, and codebase exploration while reviewing and owning every change that ships.

CORE EXPERTISE

Web & Mobile: React, React Native, TypeScript, JavaScript (ES6+), Redux Toolkit, Redux Thunk, React Query, React Router, React Hooks, HTML5, CSS/SCSS, Material UI, Tailwind CSS, Framer Motion, responsive UI, high-fidelity Figma implementation

Frontend Architecture: Reusable components, shared platform behavior, complex state management, async data flows, permission-aware UI, data-visualization components (stat/KPI, bar, line, donut, funnel), pagination, incremental legacy modernization, technical design

Accessibility: WCAG-aligned production React implementation for blind and visually impaired users — semantic HTML, ARIA labels, accessible controls, keyboard navigation and focus states

Rails & Data: Ruby on Rails, REST/JSON APIs, controllers/routes, ActiveRecord, MySQL/SQL, serializers, presenters, service objects, CanCanCan, multi-tenant queries, transactions, rake tasks

Performance & Delivery: Rendering optimization, memoization, duplicate-fetch prevention, N+1 elimination, eager loading, caching, SQLite, ActiveJob/DelayedJob, Git/GitHub, AWS S3/CloudFront, esbuild

Engineering Practice: End-to-end ownership, product/UX/QA collaboration, code review, mentoring, production debugging, technical documentation, TypeScript/ESLint guardrails, AI-assisted development with Cursor and Claude

PROFESSIONAL EXPERIENCE

7Vals — Product Engineering for EZO (ezo.io) | Lahore, Pakistan

EZO enterprise products span asset and inventory management, ITAM/ITSM, maintenance operations, and equipment rental across four web applications and four corresponding React Native apps on a shared Rails/MySQL platform.

Senior Software Engineer

Jul 2025 – Present

- Implemented a multi-product React dashboard and data-visualization modernization across all four products — reusable stat/KPI, donut, bar, line, and funnel components, typed data parsers over backend contracts, per-widget state with stale-request guards, and lazy visible-card fetching; delivered to the release branch and verified on staging.
- Implemented WCAG-aligned accessibility improvements in production React interfaces — semantic HTML, ARIA labels, keyboard navigation, and focus handling — for blind and visually impaired users, based on requirements from a major enterprise customer.
- Own and substantially extend the shared listing/filter platform across four SaaS web products and four React Native applications, building reusable React/Redux components and Rails/YAML filter services while serving as the primary technical reference through reviews, architecture guidance, documentation, and team knowledge sharing.
- Built Dispatch Center in React, unifying four operational request workflows in a customized scheduling interface; translated Product/UX intent into technical design, shaped Rails API/data contracts with backend and QA partners, and guided a junior engineer through implementation and debugging.
- Delivered substantial legacy-to-React modernization across Provisioning and Documents, contributed substantially to the collaborative Members migration, and inherited and completed the in-progress Vendors migration while preserving permission-heavy behavior and feature parity.

- Helped lead the cross-product integration of an existing React CMDB graph into a PHP/GLPI ITSM product, implementing Rails ID/relationship/API compatibility and a distributable esbuild bundle while resolving authentication, CSRF, session, proxy/header, CSS-isolation, and S3 deployment constraints.
- Completed and stabilized an inherited CloudFront/S3 rollout for React assets, resolving remaining QA and production issues and helping reduce measured initial page-load time by roughly 50% across validated environments.

Software Engineer II

Jul 2024 – Jun 2025

- Designed and implemented an offline-first React Native/Rails workflow for field technicians: connectivity-aware UX, bounded SQLite caching, queued offline writes, persisted synchronization actions, transactional validation, ActiveJob/DelayedJob batch processing, tenant/ability-scoped sync data, error tracking, and targeted RSpec service coverage.
- Diagnosed and removed React/Rails performance bottlenecks through memoization, duplicate-fetch prevention, pagination, conditional eager loading, lighter payloads, scoped associations, and targeted N+1/query fixes in data-heavy listings and selectors.
- Proposed and implemented TypeScript/ESLint enforcement as a self-directed developer-experience improvement, preventing unresolved type and lint issues from being pushed and raising the quality baseline for day-to-day mobile development.
- Modernized shared React filtering across web, mobile, webstore, and all four product contexts, adapting dynamic metadata, permissions, request parameters, custom fields, and Rails query behavior while extending the mature underlying framework and preserving legacy compatibility.

Software Engineer

Jul 2022 – Jun 2024

- Built production React Native versions of mature web workflows across reservations, check-in/check-out, orders, audits, work orders and work logs, Request Portal, Scan Center, inventory, webstore, software/licenses, and scheduling—shipping customer-facing mobile functionality across the EZO product suite.
- Owned features end to end across React Native and Rails, combining Redux Thunk/TypeScript state with new or modified REST endpoints, tenant/visibility-scoped ActiveRecord queries, serializers, permission checks, typed mappings, dynamic metadata, and pagination when mobile support was missing.
- Extended the mature Rails/YAML filtering platform for editable React Native custom filters, transforming nested criteria and operators into mobile-safe fields and token-search metadata, then normalizing edited values back into the legacy storage format.

SELECTED PUBLIC PROJECTS

IntelliServe CRM — AI-assisted full-stack prototype for service-business appointments, customers, dashboards, and analytics using React, TypeScript, Tailwind CSS, Node/Express, and MongoDB. Live | [GitHub](#)

StockPioneer — AI-assisted inventory-management prototype covering stock, suppliers, locations, activity, and dashboard workflows using React, Tailwind CSS, Node/Express, and MongoDB. Live | [GitHub](#)

EDUCATION & CERTIFICATION

FAST-NUCES — Bachelor of Science in Computer Science | 2018 – 2022

Full four-year merit scholarship | Dean's List: Fall 2020 and Fall 2021 | AWS Certified Cloud Practitioner (CLF-C02)