

Raza Raheem

Senior Frontend Engineer | Full-Stack Software Developer

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PROFESSIONAL SUMMARY

Senior Frontend Engineer and Full-Stack Software Developer with 4+ years of experience building scalable, high-performance React.js and Next.js applications for enterprise SaaS platforms. Proven track record of delivering measurable impact, cutting production build times by 89%, reducing Redux selector overhead by 85%, and architecting multi-tenant portals serving 100+ enterprise customers. Deep expertise across the full stack: React 18/19, Next.js (App Router), TypeScript, FastAPI, PostgreSQL, and Redis. Experienced in modernising legacy codebases, implementing modular feature-based architectures, and driving performance engineering from first principles. Passionate about clean, maintainable code, scalable system design, and shipping production-grade software that directly accelerates business growth.

TECHNICAL SKILLS

Frontend: React.js, Next.js (App Router), Angular, JavaScript (ES6+), TypeScript, React Native, HTML5, CSS3

Backend: FastAPI, Flask, Node.js, Python, RESTful APIs, Microservices Architecture

Databases: PostgreSQL, MySQL, MongoDB, Redis, SQL

UI / Styling: Tailwind CSS, Material-UI (MUI), Ant Design, Shadcn UI, Styled-Components, Bootstrap

AI / Data Science: Convolutional Neural Networks (CNNs), NLP, Deep Learning, Power BI, Chart.js, Recharts

DevOps / Tools: Docker, Git, Vite, Redux Toolkit, CASL.js (Authorization Library), JSON Web Tokens (JWT), Bcrypt, Linux, JIRA

PROFESSIONAL EXPERIENCE

Software Developer | STN, Pakistan (Sep 2023 – Present)

Modernizing Enterprise Infrastructure & Multi-tenant Portals

- Legacy Migration: Spearheaded transition from Create React App (CRA)/React 16 to React 18, now pioneering migration to React 19.
- Build Optimization: Reduced production build times by 89% (4.5 min to 30 sec) by replacing Webpack with Vite and implementing manual chunk splitting.
- State Management: Migrated from legacy Redux to Redux Toolkit (RTK) and RTK Query, optimising server-state caching for 50+ endpoints.
- Scalability: Architected a feature-based modular frontend integrating React Aria and TypeScript across 130+ lazy-loaded pages.
- Production Scale: Optimised a mission-critical SaaS portal for 100+ enterprise customers in a multi-tenant environment, consuming FastAPI microservices backed by PostgreSQL and Redis, with custom RTK Query orchestration and response caching.
- Performance Engineering: Integrated React Compiler and memoization strategies, reducing Redux selector overhead by 85%.
- Coding Standards: Established frontend coding policies and modular patterns aligned with FastAPI backend contracts and Docker-based deployment pipelines, transforming the legacy codebase into a scalable, enterprise-grade ecosystem.

Frontend Developer | Extravis, Wah Cantt, Pakistan (Feb 2022 – Sep 2023)

- Built and maintained high-traffic public-facing websites in React.js; awarded Employee of the Month (May 2023).
- Implemented component-based UI architecture, improving code reusability and reducing duplication across the codebase.

- Integrated RESTful APIs connected to PostgreSQL databases with JWT and Bcrypt authentication for secure, scalable data exchange across high-traffic React.js frontends.
- Collaborated with UI/UX designers to deliver pixel-perfect, responsive interfaces on strict schedules.

Android Developer (Contract) | PITB, Pakistan (May 2021 – Jan 2022)

- Developed a QR code scanning Delivery App (React Native) enabling field teams to track deliveries in real time.
- Reduced code duplication by 35% through component-based architecture, improving maintainability.
- Resolved frontend performance bottlenecks, significantly improving Core Web Vitals scores.

KEY PROJECTS

- **STN Portal:** Multi-tenant Infrastructure as a Service (IaaS) management platform (VMs, GPUs, Kubernetes) with granular Role-Based Access Control (RBAC) via CASL.js and consolidated multi-vendor security dashboard.
- **3cix** (AI Recruitment Portal): NLP-powered CV parsing and candidate matching system with data-visualisation dashboards and real-time communication tools.
- **MSV** (Subnet Visualiser): Full-stack NetFlow Analyser with real-time data ingestion, interactive topology mapping, and bandwidth utilisation dashboards.
- **MonetX** (Network Automation): Visual workflow designer with version-controlled config management and third-party monitoring API integrations.

EDUCATION

Masters in Data Science | UET Taxila | CGPA: 3.12 | 2021 – Completed 2025

Bachelor's in Computer Science | University of Wah | CGPA: 3.38 | 2017 – 2021

AWARDS

Employee of the Month — May 2023, Extravis

References available on request