

ROHIT JAIN

Engineering Manager | Principal Frontend Engineer | System Architect

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PROFESSIONAL SUMMARY

Engineering Manager and Principal-level Frontend Engineer with 15+ years of experience architecting, scaling, and modernizing large customer-facing and internal platforms across SaaS, cybersecurity, and enterprise domains. Proven track record leading re-architecture initiatives, implementing micro-frontend and monorepo strategies, and delivering measurable performance gains (up to 63% faster page loads). Skilled in React.js, Node.js, TypeScript, GraphQL, and AWS, with strong system design, distributed systems, and cloud fundamentals. Hands-on technical leader experienced in mentoring cross-geography teams, driving code quality, and balancing performance, security, scalability, and delivery timelines.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Java, HTML5, CSS3, SQL

Frontend: React.js, Redux, Redux Toolkit, Redux Saga, Next.js, Angular, Backbone.js, Marionette.js, Webpack, Vite, Jest, React Testing Library

Backend & Data: Node.js, Express.js, REST APIs, GraphQL, Java (REST services), WebSockets, MongoDB (schema design, indexing, aggregation), MySQL, PostgreSQL, Redis

Cloud & DevOps: AWS (EC2, S3, Lambda, CloudFront), Docker, CI/CD Pipelines, Git, GitHub Actions, Jenkins, Linux

Architecture: Micro-Frontends, Monorepo (Nx, Turborepo), Microservices, Cache-Aside Pattern, Event-Driven Architecture, Distributed Systems, System Design

Practices & Leadership: Agile, Scrum, Kanban, Code Reviews, TDD, Performance Profiling, Observability, Secure Coding, Team Management, Mentorship, Hiring, Technical Strategy, Cross-Functional Collaboration

PROFESSIONAL EXPERIENCE

Engineering Manager – Frontend

Sep 2023 – Present

HivePro Inc. (Cybersecurity – Threat Exposure Management)

Remote / Pune, India

- Led end-to-end re-architecture of a legacy frontend platform, reducing page load time by approximately 63% and significantly improving user experience, Core Web Vitals, and developer velocity.
- Architected state management, code-splitting, and bundle-optimization strategies that cut JavaScript bundle size and improved long-term maintainability across multiple product teams.
- Managed and mentored a team of 7 engineers across time zones, owning hiring, performance reviews, career growth, and technical roadmap planning.
- Established code review standards, CI/CD pipelines, and frontend testing practices (Jest, React Testing Library) to improve release quality and reduce regression rates.
- Partnered with backend, product, and security stakeholders to balance performance, security, scalability, and delivery timelines for a high-stakes cybersecurity platform.
- Acted as technical escalation point for high-risk changes, cross-team dependencies, and production incidents, ensuring rapid resolution and post-incident reviews.

Senior Software Engineer

Dec 2021 – Jun 2023

Viasat Inc. (Global Satellite Communications)

Carlsbad, CA, USA

- Designed and enhanced customer-facing web applications using React.js, Node.js, and GraphQL, focusing on scalability, reliability, and modular architecture.
- Implemented monorepo and micro-frontend architecture, enabling independent team ownership, faster onboarding, and safer, decoupled deployments.
- Contributed to AWS-based deployments (EC2, S3, CloudFront) and CI/CD configurations, with emphasis on operational stability, rollback safety, and observability.
- Collaborated on frontend-backend contracts, GraphQL schema evolution, and caching strategies to reduce API latency and improve data-fetching efficiency.

- Drove adoption of TypeScript and shared component libraries to improve type safety, code reusability, and cross-team consistency.

UI Engineer / Senior Frontend Developer

Feb 2015 – Dec 2021

Zensar Technologies (deployed at Cisco Systems)

San Jose, CA, USA

- Delivered multiple large-scale customer-facing and internal enterprise applications using React.js, Angular, Backbone.js, and Marionette.js.
- Led modernization initiatives migrating legacy Backbone/Marionette applications to React-based architectures, reducing technical debt and improving performance.
- Contributed to frontend architecture decisions around state management, component design systems, and build tooling that improved long-term maintainability.
- Partnered with backend teams to define REST API contracts, error-handling standards, and authentication flows, improving overall system reliability.
- Mentored junior engineers on JavaScript fundamentals, React best practices, and code review discipline.

Senior Software Engineer

Jul 2014 – Dec 2014

Mastek Services Ltd

Pune, India

- Built greenfield applications for UK Government projects using Backbone.js; partnered with backend teams on RESTful API design, compliance, and accessibility requirements.

Senior Software Engineer

Jun 2012 – Jun 2014

InfoBeans Systems

Indore, India

- Worked across frontend and backend layers including database modeling, Java-based REST APIs, and UI development; mentored junior engineers and contributed to end-to-end delivery.

Senior Web Developer

Jun 2010 – Jun 2012

Indore Labs

Indore, India

- Developed and delivered client applications using Java/Struts framework; designed database schemas, implemented backend APIs, and performed unit testing.

ARCHITECTURAL SIDE PROJECTS

Personal Home Lab (Proxmox) – proxmox.mylocalcloud.in

- Designed and operate a Proxmox-based home lab running multiple VMs to experiment with system architecture, virtualization, and operations.
- Expose local services securely to the internet using Cloudflare Tunnels with focus on network security, isolation, and reliability.
- Deploy and manage Node.js and MongoDB services with hands-on experience in networking, monitoring, logging, and failure-mode analysis.

Personal Finance & Expense Management Platform – equisplit.mylocalcloud.in

- Built a personal wallet manager mobile app integrating with a self-hosted Firefly III instance for budgeting and expense tracking.
- Developed a Splitwise-like expense-sharing platform with Android and web clients, backed by Node.js and MongoDB APIs.
- Implemented Android push notifications, async event handling, and conflict-resolution logic for consistent data sync across clients in unreliable network conditions.

EDUCATION

Bachelor of Engineering

Sep 2006 – Jun 2010

Rajiv Gandhi Proudhyogiki Vishwavidyalaya (RGPV)

India