

PRASHANT SINGH

Senior Frontend Engineer | React, TypeScript, Microfrontends

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Senior Frontend Engineer with 7 years building production-grade web products. Specialist in React, TypeScript, and microfrontend architecture (SingleSPA). Proven track record of end-to-end ownership — from requirements and Figma designs through architecture, implementation, and client delivery. National-level artist with design sensibility that translates directly into pixel-perfect, user-centric interfaces. Equally comfortable leading teams of six or building solo for international clients.

EXPERIENCE

Frontend Engineer | Egen.ai

Jun 2024 – Present

React, Vue.js, SingleSPA, MicroFrontends, TypeScript, SCSS, ArgoCD, SonarQube, Figma, Terraform

- Architected and built a production SaaS product using SingleSPA microfrontend framework, enabling independent deployment of modular frontend applications at scale
- Designed and maintained multiple microfrontend modules in Vue.js and React, coordinating shared state, routing, and inter-app communication across a distributed frontend
- Enforced code quality standards across the team using SonarQube; reduced code smell and maintained consistent coverage thresholds across all microfrontend modules
- Collaborated with globally distributed teams across Pacific and IST time zones, owning frontend delivery end-to-end within an agile, JIRA-driven workflow
- Contributed to GitOps deployment pipelines using ArgoCD and Terraform, bridging frontend and DevOps responsibilities

Full Stack Engineer | Softway Solutions

Feb 2023 – May 2024

React, Laravel, Node.js, MySQL, AWS, Docker, Redis, Figma, REST APIs

- Sole developer on an international SaaS platform serving 250+ member companies across the global oil and gas industry
- Owned the full project lifecycle independently: requirements gathering, system architecture, Figma designs, frontend and backend implementation, AWS deployment, and client presentations
- Built a catering-management platform for a US catering chain; delivered a full-stack Laravel + React solution from design through production deployment
- Implemented Redis caching and query optimization strategies, improving application response times for high-traffic endpoints
- Introduced Docker-based containerized development and deployment workflows across multiple client projects

Senior Software Engineer | HCL Technologies

Nov 2022 – Feb 2023

React, TypeScript, Redux, MongoDB, Azure CI/CD, Dynamics 365

- Led a team of 6 developers on an enterprise Dynamics 365 CRM platform build; team was recognized with an internal award for delivery excellence
- Owned CI/CD pipeline implementation using Azure DevOps, reducing manual deployment overhead and improving release frequency
- Drove TypeScript adoption and architectural improvements across the codebase, elevating coding standards across the team
- Conducted technical interviews and contributed to engineering hiring decisions

Software Engineer | HCL Technologies

Oct 2019 – Nov 2022

React, Node.js, JavaScript, Chrome Extensions, Electron, Cypress, Azure

- Developed a web crawler that tracked daily changes in UI scores, accessibility ratings, and performance metrics across client properties — used for ongoing monitoring across multiple accounts
- Developed the Scheduler, reducing recurring operational costs through automated task execution

ECP Scholar | HCL Technologies | TechBee

Jul 2018 – Oct 2019

JavaScript, Python, PHP, WebSockets, Bootstrap, SQL, Networking, ITIL, VMware ESXi

- Earned a merit scholarship for outstanding academic and professional performance across the HCL TechBee program
- Built GCC — a full-stack web application for network device configuration, backup management, and real-time uptime monitoring using Python, WebSockets, and PHP

- Completed immersive training in software engineering, computer networking, OS, virtualization, and ITIL; established the foundation that directly enabled an accelerated career trajectory

PROJECTS

ViewPort

2025 – 2026

- Building a desktop design-QA tool for dev/design teams: site crawling, multi-device screenshot capture and preview, annotation canvas, and design export — in active development
- Four-layer architecture with Zod-validated IPC, WAL-mode SQLite with versioned migrations, and keychain-backed credential storage

OpenLMS — AI Study Companion

2025 – 2026

- Built a personal AI-powered study platform with an MCP server for Claude integration and multi-provider AI routing; in active daily use

SplitX

2024 – 2026

- Designed and shipped a full-stack bill-splitting app end-to-end — Node.js/Express backend and React Native client, both deployed and live, backed by MongoDB Atlas
- Built real settlement tracking and percentage-based splits with server-side validation; closed a credential-exposure and injection risk via env-guarded seeding, input escaping, and auth rate limiting

FitX

2024 – 2026

- Built an AI-driven fitness app: LLM-based coaching, meal planning, workout logging, and sleep analysis wired to real Google Fit / Health Connect data
- Hardened the API surface with schema validation on every write endpoint, rate-limited AI chat routes, and consistent error/loading states across the client

GroupWatch

2023

- Built a real-time synchronized video player allowing multiple users to watch content together — seek, pause, and volume changes propagate instantly across all connected clients via WebSocket state sync

SKILLS

Frontend React.js, TypeScript, JavaScript, Vue.js, Next.js, HTML5, CSS3, SCSS, Tailwind

Architecture Microfrontends, SingleSPA, Module Federation, Component Design Systems

State & Data Redux Toolkit, Zustand, TanStack Query, Context API, REST APIs, GraphQL (basics)

Backend Node.js, Express.js, Laravel (PHP), WebSockets

Database MongoDB, MySQL, Redis

Cloud & DevOps AWS, Azure, Docker, ArgoCD, Terraform (basics), Azure DevOps, CI/CD Pipelines

Tooling Figma, Git, SonarQube, Postman, Swagger, JIRA, Cypress, Jest, Vite

AI & Emerging LLM API integration, Claude Code, MCP servers, GitHub Copilot, Google Fit API

EDUCATION

Integral University — Bachelor of Computer Applications Lucknow, India

PestoTech Fellowship — Full Stack Engineering (9-month program)

2023 – 2024

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals | Microsoft · MongoDB Node.js Developer Path | MongoDB