PRAVEEN SHET G

Lead Frontend Engineer & AI Integration Engineer | React, Next.js, TypeScript, Scalable UI Systems | 12+ YOE

pshetg@gmail.com | +91 8971172744 | Bangalore, India

SUMMARY

Frontend Engineering Leader with 12+ years of experience building scalable, performant web and mobile platforms. Specialized in React, TypeScript, and modular design systems with a strong focus on performance optimization, state management, and engineering excellence. Proven track record of leading high-impact frontend initiatives, building reusable UI architectures, and mentoring cross-functional teams. Strong foundation in CS fundamentals, testing, and production-grade systems — prepared to thrive in both startup and enterprise-level engineering environments.

SKILLS

Languages & Frameworks: JavaScript (ES6+), TypeScript, React, Next.js, Node.js, Express.js, Java
Architecture & State: Redux Toolkit, Context API, Monorepo Architecture, Micro-Frontend Design, Module Federation
Tooling & DevOps: Vite, Webpack, Git, GitHub Actions, CI/CD, Storybook, Husky, ESLint, Prettier
Databases & Cloud: MongoDB, PostgreSQL, Redis, Firebase, Azure

EXPERIENCE

Supervising Associate | EY

May 2020 – Present • Bengaluru, Karnataka, India

Stack: React, Next.js, Node.js, Java, TypeScript, Redux, Express, GraphQL, GitHub Actions, Azure

- Built the frontend architecture from scratch using React, Next.js, TypeScript, and Redux, leading a team of developers to deliver a scalable, high-performance audit platform.
- Implemented dynamic routing, server-side rendering, and optimized state management; collaborated cross-functionally with backend and design teams to deliver responsive pages, improving performance and user engagement.
- Led frontend development of audit-based tool webapps with a modular, scalable frontend architecture.
- Designed animation utilities for product experiences aligned with modern Figma designs.
- Architected monorepo setup using Storybook, enhancing reusability and cross-app consistency by 40%.
- Collaborated across Product, Backend, and Design to deliver features in agile sprints under tight deadlines.
- Optimized React Native components to handle larger data sets across the application.
- Built AI agents and a Python-based AI layer for the audit process, integrating with Agent Builder and OpenAI GPT-5.4.
- Enabled risk analysis and control analysis capabilities, along with automated process flow diagram generation, for the audit platform.

Technology Lead | TechChefs Software Pvt Ltd

Jan 2018 – May 2020 • Bengaluru

Client engagement: Intuit — role of Integration Engineer II | Stack: React, React Native, Redux, GraphQL

- Managed and mentored a frontend team of 3 engineers for finance & merchant platforms.
- Implemented micro-frontend architecture for loans, accounts, and other banking service modules.
- Improved core web vitals and app responsiveness by 35% through caching, lazy loading, and bundle optimization.
- Built user-facing dashboards (loans, credit, digital wallets) with responsive and accessible UI practices.
- Migrated legacy React Native codebase to a modern version and introduced custom native modules.
- Contributed to the QuickBooks UI library with highly reusable components: grids, OTP inputs, modals, loaders.
- Integrated design tokens and consistent theming across components.
- Built UI systems from Figma to pixel-perfect, responsive web experiences.
- Advocated for engineering best practices; led PR reviews and internal knowledge-sharing sessions.

Senior Software Engineer | Nous Infosystems

Jun 2016 – Jan 2018 • Bengaluru

Client engagement: Deloitte (London, UK) — role of Migration Engineer, Sep 2016 – Dec 2016 | Stack: Java, Drools, JBoss, Web Applications

- Part of a migration project to upgrade to the latest Java version, including all corresponding code changes in a Drools rule-engine-based application, working with the RedHat team on JBoss server configuration and support.
- Contributed to broader web application and software development initiatives at Nous Infosystems.
- Delivered Java training to a testing team of 150 members.

Software Engineer | IQ Software Services (P) Ltd.

Mar 2014 – May 2016 • Bengaluru

Stack: Groovy/Grails, D3.js, C3.js, Analytics

- Worked as a Groovy/Grails developer building data-driven web applications with D3.js and C3.js visualizations and analytics.

LEADERSHIP & IMPACT

- Mentored and onboarded 20+ junior/mid engineers; guided 3 developers to promotion readiness.
- Conducted 100+ code reviews, upholding code quality and design consistency.
- Played a key role in hiring & leveling discussions; actively involved in technical interviews and culture-fit assessments.

EDUCATION

- Bachelor of Engineering (Computer Engineering) – Visvesvaraya Technological University (2011)

RECENT SIDE PROJECT

Asset Extract – Property Valuation & Collateral Intelligence Platform

Solo Developer | React, Node.js, PostgreSQL (Supabase), Google Maps API, AI Integration | Mar 2026 – Present

A self-initiated PropTech platform designed to streamline property valuation, collateral assessment, and report generation for valuers, banks, NBFCs, and financial institutions.

- Designed and developed a full-stack web application using React, Node.js, and PostgreSQL (Supabase) to digitize end-to-end property valuation workflows.
- Implemented secure authentication and user management with Google OAuth, role-based access control, and cloud-hosted infrastructure.
- Built valuation management modules for property inspection, document collection, valuation data capture, and automated report generation.
- Integrated geospatial intelligence using Google Maps APIs to capture property location data, visualize sites, and enrich valuation analysis.
- Developed AI-assisted collateral intelligence capabilities to support property assessment, risk analysis, and valuation decision-making.
- Designed responsive UI/UX workflows for valuers, enabling efficient case management, status tracking, and report generation.
- Architected and managed the complete product lifecycle including ideation, system design, development, testing, deployment, branding, and future roadmap planning.