

Priyanka Bhandari

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Professional Summary

Senior Frontend Engineer with 8+ years building React and TypeScript applications at large global user scale across healthcare and enterprise SaaS. Delivered ~30–40% performance improvements, led identity platform and design system migrations, and improved SLOs by 40% through observability integration.

Work Experience

Senior Software Engineer, Wipro Limited

Gurugram, India, 12/2021- 12/2025

Client: *Optum – UnitedHealth Group*

- Designed and developed core functionalities, ensuring seamless integration with backend systems to boost overall application performance.
- Integrated Elastic APM and Kibana to trace frontend transactions, API interactions, and route transitions — shifting the team from reactive to proactive monitoring, cutting incident resolution time by ~10 days and improving SLOs by 40%.
- Led enterprise-wide design system migration from abyss/ui to abyss/web, refactoring components across multiple applications while maintaining full functionality and accessibility standards.
- Identified and resolved complex UI/UX bottlenecks, significantly improving usability scores and end-user satisfaction.
- Delivered scalable features consistently across sprint cycles as part of a high-performing agile team of 9 engineers.

Client: *Oracle Cerner*

- Upgraded WebdriverIO v4 to v6 and terra-functional-testing library to unblock a Node.js upgrade, using a feature-flow splitting strategy to achieve 100% test migration with zero regressions.
- Mitigated critical security vulnerabilities across multiple enterprise healthcare projects, achieving 100% adherence to security compliance standards across production environments.
- Drove a ~30–40% reduction in page load times by diagnosing and resolving deep-rooted UI performance bottlenecks, improving Core Web Vitals scores and end-user satisfaction.
- Implemented performance-enhancing upgrades and conducted deep-dive investigations into application bottlenecks to maintain high system availability.
- seamless server onboarding onto new domains, managing complex configurations and access protocols.
- Led code reviews that elevated engineering standards and ensured on-time delivery of regulated healthcare software.

Client: *Thomson Reuters*

- Shipped "Knowledge Hub" — an interactive product training and user onboarding experience that improved new user activation and reduced reliance on external support documentation.
- Contributed to improving developer experience by standardizing component patterns, improving code reuse, and reducing onboarding friction across teams.
- Translated complex wireframes into high-quality, reusable React components, establishing a shared library that improved code stability across the platform.
- Systematically eliminated critical technical debt through targeted debugging and refactoring, improving code readability and application response times.

- Spearheaded migration from legacy architectural system of SAP FIORI/OData to a modern open-source stack (React.js, MUI, Redux, and Node.js), improving frontend flexibility and developer velocity.
- Developed mobile-first, responsive applications with real-time data visualization serving a large operational workforce.
- Engineered a comprehensive Order Management UX for dealers and a specialized warehouse application featuring serial number and barcode scanner integration for real-time product white-listing.
- Successfully migrated complex transaction processing functionalities from legacy frameworks to React, ensuring data integrity and system reliability during the transition.
- Developed a business-critical application featuring iframe-based map integration to provide field associates with real-time delivery path tracking and logistical data.
- Presented UI/UX mockups directly to apex management to drive product roadmap alignment.
- Designed a robust, role-based authorization process for multi-server SCM (Supply Chain Management) applications.
- Explored React Native ecosystem and cross-platform architecture patterns for shared web/mobile codebases.

Skills

- **Frontend Development:** React.js, Next.js, TypeScript, JavaScript (ES6+), HTML5, CSS3, SCSS/Sass, Flexbox, Responsive Design, Accessibility (a11y)
- **State Management:** Redux, Redux-Saga, Context API, Redux Thunk
- **UI Frameworks:** Material UI (MUI), SAP FIORI, Component Libraries, SCSS, Sass, Tailwind.
- **Observability:** Elastic APM, Kibana (dashboard design, SLO tracking, error monitoring)
- **Backend & Integration:** Node.js, REST APIs, Express.js, GraphQL
- **Testing & Quality:** WebdriverIO (WDIO), Unit Testing (Jest/Enzyme), React Testing Library
- **Tools & Version Control:** Git/GitHub, Jira, Webpack, NPM/Yarn, CI/CD collaboration (build & release workflows), GitHub Actions, Jenkins
- **Architecture:** SPA Development, Performance Optimization, Core Web Vitals, Agile/Scrum Methodologies, Legacy-to-Cloud Migration
- **AI-Assisted Development:** AI-driven Component Generation, Automated Test & Code Review Support, Refactoring & Performance Insights using Claude Code and Github Copilot

Education

Bachelor of Technology Computer Science, University of Delhi

New Delhi, India, 06/2013 - 06/2017

- 86.7%

Higher Secondary Education, Kendriya Vidyalaya

New Delhi, India, 06/2012 - 06/2013

- 90%