

PRANAY PANT

Senior Software Engineer

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SUMMARY

I am a Product-minded Engineering Lead with over 8 years of experience in architecting high-performance web applications and mentoring technical teams. I specialize in modernizing legacy systems by leveraging Next.js and TypeScript to optimize performance. My collaborative approach drives technical strategy to ensure seamless execution of enterprise-scale applications.

EXPERIENCE

Senior UI Engineer

CVS Health

⌚ 01/2023 - 01/2025 🗂 CVS Health Location

A healthcare company providing pharmacy and healthcare services

- Architected the complete rebuild of a legacy React Native Web UI into Next.js 13 App Router, improving Core Web Vitals by 40%
- Reduced Time to Interactive (TTI) by 1.2 seconds, increasing mobile user retention by 35% and organic search traffic by 15%
- Defined accessibility testing strategy achieving WCAG 2.1 AA compliance, expanding platform access to 2M+ users with disabilities
- Automated QA workflows, reducing manual testing time by 20 hours per sprint and production regression bugs by 30%
- Partnered with Product and Design to enable agile iterations and translate Figma into web app

Senior Software Engineer

Red Ventures

⌚ 01/2021 - 12/2023 🗂 Red Ventures Location

A digital media company focused on driving customer engagement

- Spearheaded migration to unified Next.js + TypeScript architecture with zero downtime
- Standardized the frontend stack, reducing new developer onboarding time by 50% and accelerating feature delivery by 2x
- Implemented Incremental Static Regeneration (ISR) and GraphQL-driven static generation, cutting server costs by ~25%
- Designed a 'load-on-scroll' strategy, cutting initial page load times by 50%

Software Engineer

Magellan Health

⌚ 01/2020 - 12/2021 🗂 Magellan Health Location

A healthcare management company

- Architected and launched a greenfield MVP React application in just 4 weeks, 40% ahead of schedule
- Built a custom End-to-End (E2E) automation suite, reducing authorization workflow time by 20%

Software Engineer

Walmart Labs

⌚ 01/2017 - 12/2020 🗂 Walmart Labs Location

The technology division of Walmart focused on developing software for retail

- Solely architected a comprehensive observability platform using React, Node.js, and MongoDB for Walmart's POS system
- Engineered a custom Python telemetry agent for real-time build metrics
- Automated build verification processes, saving the company ~\$50,000 annually in vendor costs
- Partnered with QA and product leads to improve Mean Time to Resolution (MTTR)

LANGUAGES

English
Native



Hindi
Proficient



EDUCATION

Bachelor's of Science in Computer Science

University of California, San Diego

⌚ 08/2012 - 12/2016

KEY ACHIEVEMENTS

Legacy Migration Strategy

Successfully modernized legacy stacks resulting in significant improvements in performance and accessibility for healthcare applications

Business Impact

Achieved a 35% increase in mobile user retention through optimized performance strategies in a major application

Accessibility Standards

Established accessibility testing standards that expanded access for over 2 million users with disabilities

SKILLS

Next.js Gmail Router TypeScript

JavaScript ES6+ React Node.js

GraphQL Redux Apollo Cypress

Jest GitHub Actions Azure Devops

Docker Webpack Sentry

Manual Testing Agile Figma

Tailwind Caching E2E MongoDB

Splunk Azure Python