

Abhishek Yadav

Software Engineer · Frontend Platforms & AI Systems

Pune, India | abhiy3010@gmail.com | (+91) 9790732907

Portfolio: <https://pnx-abhishek.vercel.app/> | GitHub: <https://github.com/PhoeniXAbhisheK>

Professional Summary

Engineer combining 10+ years of React/Next.js frontend architecture with production AI systems, LLM publishing pipelines, RAG-based retrieval, AgentOps observability, and developer-facing automation. Built and led multi-market web platforms at Globant (Nissan, VOX Cinemas) achieving 30-40% performance gains, CSR-to-SSR migrations covering 70% of shared components, and measurable SEO/release quality improvements. Currently building AI-enabled product systems that bridge frontend depth with agentic workflows, Redis-backed guardrails, and automated CI/CD deployment.

Core Competencies

- **Frontend Engineering:** React, Next.js, TypeScript, JavaScript, Node.js, SSR, SSG, Redux, Zustand
- **Architecture & Web Quality:** Frontend Architecture, Reusable UI Systems, SSR Migrations, CMS/Content Integrations, API-Driven Frontends, Core Web Vitals, SEO, Accessibility
- **Delivery & Leadership:** Solution Design, Code Reviews, Mentoring, Release Planning, Stakeholder Collaboration, Jest, React Testing Library, GitHub Actions, Vercel CI/CD
- **Integrations & AI Systems:** REST APIs, OAuth, JWT, AEM/Content APIs, Strapi, Adobe Target, Payment/Booking Flows, OpenAI Codex, Claude Code, RAG, Embeddings, Redis

Professional Experience

Independent AI Product Systems | November 2025 - Present

- Built [Daily AI Digest](#) with Astro and React, and [AgentOps Dashboard](#), using scheduled LLM runs, GitHub/Vercel automation, source-linked RAG retrieval, and Redis-backed guardrails.
- Published 300+ structured AI/tech digest items and tracked 170+ AI automation runs while using OpenAI Codex and OpenCode for AI-assisted development workflows.

Globant | Lead Software Engineer | June 2022 - October 2025

- Led frontend architecture and delivery for large-scale, multi-market automotive and entertainment web platforms using React, Next.js, and TypeScript with SSR and modern frontend delivery workflows.
- Modernized discovery, movie details, booking, profile, search, and experience journeys through a CSR-to-SSR migration covering ~70% of shared frontend components.
- Improved frontend performance by 30-40%, raised Lighthouse scores from 65 to 90, and improved SEO scores from 80 to 100 through SSR strategy, image optimization, asset compression, and scalable frontend patterns.
- Integrated AEM and Strapi content APIs, Adobe Target personalization, and configurable payment and booking flows for market-specific web experiences.
- Improved release speed by 30-50% and reduced defects per feature by roughly 70% through code promotion workflows, sprint-level QA validation, dependency hygiene, and pre-production checkpoints.
- Piloted AI-assisted engineering practices with GitHub Copilot and Claude Code while mentoring 3-7 engineers through code reviews, onboarding, pair programming, and technical guidance.

HowNow | Frontend Engineer | June 2020 - May 2022

- Delivered full-cycle frontend features for an early-stage SaaS web platform and Chrome extension, from solution design and prototyping through production release.
- Migrated static implementations into dynamic, configurable frontend systems and introduced client-specific theming for enterprise accounts, reducing design-to-change turnaround from weeks to under one day.
- Built reusable React component patterns integrated with Ruby on Rails services, improving maintainability, responsiveness, and frontend consistency.

Tata Consultancy Services (TCS) | IT Analyst | June 2015 - June 2020

- Led a small UI development team across multiple project deliveries, improving coordination, frontend quality, and reuse of shared components.

- Built reusable React, JavaScript, HTML, LESS, and SASS components integrated with REST APIs, and trained 24 trainees in web technologies and application delivery fundamentals.

Projects & Open-Source Community Contributions

- Daily AI Digest Ecosystem: A production AI publishing platform combining scheduled LLM automation, source-linked RAG retrieval over 300+ digest items, Redis-backed rate limiting, and an AgentOps observability dashboard tracking 170+ runs with success rates, failure streaks, and error details, all delivered through a single Next.js/TypeScript app with GitHub-triggered Vercel deployments. The dashboard is accessible from the digest nav header. Live: <https://pnx-ai-digest.vercel.app/>
- Open Source: Contributed to Mozilla Firefox, Mozilla Profiler, Fedora Happiness Packets, and FreeCodeCamp community design assets.

Education

Master of Science in Computer Science

Birla College, University of Mumbai | 2017 - 2019

Bachelor of Science in Information Technology

Birla College, University of Mumbai | 2012 - 2015