

Pranay Yadav

+91-9096016946 | pranayyadav08@gmail.com | github.com/gh0sty02 | pranayyadav.vercel.app | linkedin.com/in/pranayyadav02

PROFESSIONAL SUMMARY

Senior Full Stack Engineer with **4+ years** building **scalable, high-performance web applications** using **React, TypeScript, and Next.js**. Led teams of 4 delivering production systems across **400+ clients**, cut onboarding time **45%**, and shipped a **human-in-the-loop AI coding agent** reducing dev cycles by **60%**. Deep expertise in **GraphQL, NestJS/CQRS, web performance optimization**, and cross-functional delivery.

WORK EXPERIENCE

Senior Software Engineer

Aug 2024 – Present

Dentsu

Pune, India

- Cut per-ticket dev time by **60%** by shipping a **human-in-the-loop AI coding agent** that takes a Jira ticket as input and outputs production code, unit tests, and **Playwright E2E tests**.
- Cut client onboarding time **45%** across **50+ clients** by leading 3 engineers to deliver **Definitions Manager**, a React + Next.js **SSR** interface replacing manual JSON configs with self-serve validation.
- Integrated Definitions Manager into a 3-year-old legacy codebase with zero regressions by coordinating across **3 product teams** for requirement alignment and edge case handling.
- Boosted client application performance **40%** by migrating 5+ clients from REST to **GraphQL + Apollo Client**, working directly with design and backend teams on query structure and state.
- Cut production bugs **60%** by driving frontend architecture improvements: **ESLint** configs, Figma **design-fidelity checkpoints**, and **TDD** with Jest + React Testing Library.
- Diagnosed and resolved 3 production incidents under live SLA pressure, recovering **12 hours** of client uptime.

Frontend Developer

June 2022 – July 2024

Netskope

Remote

- Built **pixel-perfect, responsive** enterprise dashboards in **React, TypeScript, D3.js** for **100+ users**, cutting diagnostic time by **50%**.
- Architected **high-traffic web portal** for **300+ clients** applying **mobile-first** and **accessibility (WCAG)** principles; reduced troubleshooting time **65%**.
- Built multi-threaded **HAR file sanitizer** using **Web Workers** for **web performance optimization**, processing 100MB+ files **50% faster**.
- Modernized legacy jQuery to **CSS3 / ES6+** via **Webpack**; cut bundle size **30%** and load time **35%**, maintaining full **cross-browser compatibility**.

PROJECTS

ConverseX | *Next.js, TypeScript, Socket.IO, Prisma, PostgreSQL, LiveKit*

- Built **scalable real-time chat application** with **Next.js SSR** and **Socket.IO**, handling **100+ concurrent connections** with low-latency messaging.
- Implemented **responsive, accessible UI** with infinite scroll and **Zustand** state management; integrated **LiveKit** for WebRTC-based video and audio streaming.
- Designed **RESTful API** with role-based auth (Clerk) and admin dashboard; deployed on Vercel with **CI/CD** via GitHub Actions and full **cross-browser compatibility**.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, Python, SQL

Frameworks & Libraries: React.js, Next.js, Vue.js, Redux Toolkit, Zustand, React Query, D3.js, Node.js, NestJS

Tooling: Webpack, ESLint, Babel, Web Workers, Web Components, WebRTC, Git, GitHub Actions, CI/CD, Docker

APIs & Data: GraphQL (Apollo Client), RESTful APIs, WebSockets, Prisma, PostgreSQL, MongoDB, Redis

Standards: Web Performance Optimization, Responsive Design, Cross-Browser Compatibility, WCAG, Mobile-First, SSR

Testing: Jest, React Testing Library, Playwright, TDD

EDUCATION

Atharva College of Engineering (Mumbai University)

Bachelor of Engineering in Computer Science

Mumbai, India

Aug 2018 – June 2022