

# PRATIK KATARIA

Senior Frontend /  
Product Engineer

## CONTACT

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## SUMMARY

Product Engineer (F.E.) at Turn.io on the AI & Journeys team, building LLM-observability, App Store, and journey-canvas UI with React + Phoenix LiveView. Previously Senior Frontend Engineer at Certa.ai (React monorepo) and SDE II-UI at Plivo with stacks like React, AWS, Django, and Redis. Most of my experience is in Frontend, though I've also done minor backend tasks as needed. On the side, I keep exploring Next.js & TailwindCSS.

## LINKS

[Github: kpratik2015](#)  
[LinkedIn: /in/pratikkataria](#)  
[Portfolio: pratikkataria.com](#)  
[Playstore Apps](#)

## SKILLS

**Languages** (JavaScript ES6+, TypeScript, Python, Java, HTML5, CSS3)  
**Frameworks** (React, React Native, Next.js, Phoenix LiveView)  
**State & Data** (Redux, React Query/TanStack, Zustand, Apollo, GraphQL, REST, AG-Grid)  
**Styling** (Tailwind CSS, Styled Components, SCSS)  
**Frontend Arch** (Microfrontends, design systems, component libraries, monorepos)  
**Testing & A11y** (Cypress, Vitest, Jest, React Testing Library (RTL), MSW, Pa11y, WCAG 2.1 AA, TDD)  
**Build & Tooling** (Vite, Webpack, Storybook, single-spa, Expo)  
**DB** (PostgreSQL, SQL, Redis)  
**Source Control** (Git, GitHub, GitLab)  
**CI/CD & Cloud** (Jenkins, GitLab CI, AWS)  
**AI Tooling** (Cursor, Claude, Skills.sh, browser-agent, MCP)

## PUBLIC PROJECTS

- **Explore Possibility** - Expo (React Native) app to let people explore a possibility with someone nearby. TS, Expo, GraphQL, Firebase.
- **Positivity Hub - React Native App** - promotes a positive mindset. React Native, Python, PostgreSQL, Node.js.
- **Legacy:** [BAES](#), [Top Charts Aggregator](#), [Formulae Box](#) (Play Store).

## EXPERIENCE

### Product Engineer, Turn.io

AI & Journeys | Mar 2026 – Present

- Architected the AI Logs/Tracing frontend - a **React** + Phoenix LiveView console for **LLM observability** with real-time session tailing, multi-dimensional filters (date/journey/source), deep-linkable inspection drawers, infinite scroll, and token/latency analytics.
- Optimized **React Flow** journey canvas performance for **100+ node** graphs, eliminating multi-second UI/tab freezes when loading large journeys by rendering only on-screen nodes; diagnosed with React Scan and profiling.
- Cut **~2.5s** blocking drawer opens on high-traffic accounts to an instant open with async load, and shipped drag-to-reorder plus a workspace error boundary that keeps the canvas recoverable instead of white-screening.
- Led the Unified Apps Catalog from a settings sub-page to main navigation - catalog cards, About pages, version history, and URL-persisted filters.
- Polished the in-canvas AI journey-writing assistant (Ripple) - streaming response UX, left-docked panel, and per-node card-reference quick actions.
- Hardened reliability - sharded **Vitest** CI to cut test time from **18 to 10 min**, stabilized flaky Cypress suites, resolved **15+** stale Apollo cache and React state bugs, and built reusable design-system components with Storybook docs.

### Senior Frontend Developer, Certa.ai

Platform | Jul 2025 – Feb 2026

- Implemented automated accessibility (a11y) testing with Pa11y and resolved **50+** accessibility issues, meeting **WCAG 2.1 AA** baseline compliance.
- Refactored internal auth from Redux/localStorage to **React Query**/Context, raising test coverage from **~20% to 80%+** and improving maintainability.
- Integrated hCaptcha as a fallback for reCAPTCHA, reducing verification errors for China/Hong Kong users.
- Mitigated a critical production issue that could've triggered dangerous site warnings, ensuring uninterrupted uptime and user trust.
- Resolved multiple on-call incidents and conducted **10+** technical interviews, contributing to hiring decisions.

### SDE II-UI, Plivo

Financial Systems | Nov 2022 – Jul 2025

- Owned frontend for product features and was the frontend subject-matter expert (SME) across teams; resolved numerous customer issues with code contributions in Django codebases.
- Developed a custom backend solution enabling internal teams to revoke sessions of active users and their invited accounts, enhancing security.
- Notable releases: **Multi-Factor Authentication**, ACH, INR Display Formatter, and revamped [Console pages](#) (login, billing, user settings, account switch, recharge limit banner), emails and PDF design.
- Owned dependency upgrades and resolved security issues while collaborating across stakeholders.
- Mentored juniors, ran code reviews, leveraged AI tools, provided on-call incident support, and contributed to the tech roadmap.

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## EDUCATION

B.E. in Computer Engineering  
MIT COE, Pune | 2014 – 2018

## EXPERIENCE

### Full Stack Developer, Credit Suisse

APAC Technology & Change | Mar 2021 – Nov 2022

- Core frontend developer on multiple **React** (v17+) projects following **TDD** with React Testing Library (RTL) and Mock Service Worker.
- Worked with AG-Grid, Styled Components, ky, React Query, React Table, and **single-spa microfrontends**.
- Created an internal NPM library using Vite and set up its GitLab pipeline.

### Software Engineer, CLSA

Research & Digital Presence | Jul 2018 – Mar 2021

- Frontend for the new CLSA website & CLSA Forums using **React** (v16.x, hooks) with GraphQL, Apollo, Zustand, Styled Components, docz, and React Spring.
- Full-stack feature work across Python, Java Spring Boot, Angular, and SQL.

## AWARDS

### HACKPULSATE 2018 WINNER

CLSA's First Hackathon Winner | Dec 2018

### BEST PAPER PRESENTATION

Data Science & Analytics Track | MIT COE, Apr 2017

## PUBLICATIONS

- [User Adaptive Chatbot for Mitigating Depression - 2018](#)
- [Scope of JavaScript in Data Analysis and Data Visualization - 2017](#)