

YAGNIK HINGRAJIYA

Senior Software Engineer, 4+ Years of Experience

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SUMMARY

Senior Software Engineer (4+ YOE) building performant and accessible web apps and SDKs. Focused on frontend architecture, performance optimization, and designing shared UI systems that improve developer productivity and feature delivery at scale.

SKILLS

Languages: TypeScript, JavaScript, Python, SQL, Go, HTML, CSS, Java, C++

Frontend: React, Next.js, Angular, RxJs, React Native, Redux, Tailwind, Material UI

Backend & Databases: Node.js, Express.js, GraphQL, REST APIs, PostgreSQL, MongoDB

Tools & Platforms: Git, AWS, Jest, Cypress, Vite, WCAG 2.1/2.2, Firebase, Vercel, CI/CD, Figma, GPT-API, Cursor

EXPERIENCE

Senior Development Engineer | Standard Chartered - GBS

Mar 2026 - Present

- Refactored a legacy vendor module with poor code quality, improving maintainability and meeting new deployment requirements by **increasing test coverage from 0% to 50%+ with Jest**.
- Contribute to the shared React component repository for a **micro-frontend trade finance platform**, building and reviewing atoms, molecules, and organisms following Atomic Design principles for cross-team reuse.

SDE 2 | Unloq

Jul 2025 - Feb 2026

- Improved web performance by **reducing bundle size by 25%** through **tree-shaking, code splitting, and a reusable component lib**, boosting **Core Web Vitals, navigation speed, and initial load time** for data-heavy analytics dashboard.
- Redesigned the **Shopify checkout extension** to add a gift card collection flow, bypassing Shopify's thank-you page restrictions enabling post-purchase offer integration that drove **3x customer interaction** across D2C brands.
- Built **DOM observer logic** to inject the offer SDK into protected third-party cart containers across **15+ D2C brands**, using **MutationObserver-based lazy module loading** to avoid interfering with host brand styles and scripts.

Software Engineer | Playpower Labs

Aug 2022 - Jun 2025

- Owned **production features** such as **factorial experiments, segments, and feature flags**, delivering them **end-to-end** across **UI, state management, and REST APIs** with **200+ contributions** to UpGrade (Link), an **open-source A/B testing tool**.
- Revamped **frontend architecture** with a **shared module of 40+ reusable components** library, leveraging **design patterns** and **RxJS**, improving **code consistency**, reducing the **codebase by 50%**, and boosting **feature rollout speed by 33%**.
- Developed **25+ math quests** with real-world dialogue flows, integrating **interactive artifacts** and a **TTS pipeline** (Voice.ai, Narakeet), improving **learning metrics by up to 40%** among K-8 learners.
- Implemented **WCAG 2.2 accessibility standards**, including **ARIA roles, color contrast analysis (CCA), keyboard navigation, screen reader support, semantic markup**, and related best practices, ensuring inclusive usability.
- Built **complex, data-intensive UI workflows** including **debounced search, infinite scrolling, nested tables with view and edit modes, and drag-and-drop modals**, ensuring **performance, scalability, and maintainability**.
- Engineered a custom **in-memory cache manager**, cutting average API latency from **50 ms to 20 ms**.
- Increased **test coverage to 90%** with comprehensive **unit and integration tests** using **Jest and Cypress**.

Data Associate - Trainee | Celebal Technologies

Jan 2022 - Jul 2022

- Processed and transformed quarterly data of a Nifty 50 company using Databricks across **30+ client-defined KPIs**, delivering **interactive Power BI dashboards with actionable business insights**.

PROJECTS

Movie Mania

GitHub / Live

- Developed a movie recommendation platform integrating **OpenAI GPT-API** for **personalized content**, optimizing **state with Redux** and **Firebase-secured routing** to improve **performance & scalability**.

EDUCATION

B.Tech in Information, Communication and Technology

May 2018 - Apr 2022

Ahmedabad University (School of Engineering and Applied Science)

CERTIFICATION

- Meta Frontend Developer Professional Certificate - [Link](#)