

Akshay Gajbhiya

Staff Software Engineer

Staff Software Engineer with around 12 years of experience specializing in frontend architecture, performance optimization, and scalable UI platforms, with experience at Walmart Global Tech and Microsoft. Led platform initiatives spanning 7+ teams, enabling independent deployments and faster delivery. Combines hands-on engineering in React and TypeScript with cross-team technical leadership, establishing shared infrastructure and engineering standards that improve reliability, developer productivity, and user experience. Experienced in integrating AI capabilities into user interfaces and using LLM coding agents to support development.

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SKILLS

TypeScript

JavaScript / Vanilla JS / OOJS

React.js / Angular 14+ / HTML / CSS

Redux / Zustand / RTK / TanStack Query

Webpack / Vite / Rollup

Node.js / Bun / Deno

GraphQL

Micro-Frontend / Monorepo (Nx)

MVVM

Jest / Jasmine

Puppeteer

React Testing Library

Jenkins

Docker

Fluid Framework

Data Structures

Algorithms

Java (Spring Boot)

Grafana

PHP (CodeIgniter)

MySQL / MongoDB

AI integration & development

Python FastAPI

WebSockets, Web Workers

Design patterns

Anthropic Claude

(MCP integration, tool calling, AI-assisted coding)

Next.js

WORK EXPERIENCE

Staff Software Engineer

Walmart Global Tech
Jun 2024 - Jun 2026 | Bengaluru, India

Achievements/Tasks

- Architected a micro-frontend platform adopted by 7 teams, enabling independent deployments and increasing successful production releases from 10 to 40 (300%) per month.
- Consolidated duplicated frontend functionality into shared components and utilities, reducing code duplication by 50% (SonarQube metrics) and shortening feature delivery time by 40%.
- Established frontend standards and onboarding practices for an engineering organization that grew from 12 to 30+.
- Designed a cross-team micro-components library with 10+ reusable utilities, improving development velocity by 40% and ensuring platform-wide consistency.
- Mentored 5 frontend engineers through architecture reviews, performance profiling, and feature delivery, enabling them to independently own complex UI initiatives from design to production.

Senior Software Engineer

Walmart Global Tech
Sep 2022 - Jun 2024 | Bengaluru, India

Achievements/Tasks

- Established frontend architecture for Brandshop and expanded automated coverage across unit, integration, and end-to-end tests.
- Improved product-page performance through code splitting, lazy loading, and asset optimization, reducing LCP by 55% (4.0s to 1.8s), initial JavaScript payload by 40% (1MB to 600KB), and Total Blocking Time by 60% (500ms to 200ms) in controlled Lighthouse tests.
- Implemented logging (Splunk), data collection, and telemetry integration (QMs).
- Implemented an external HTML-to-image service used pillar-wide.

Software Engineer 2

Microsoft
Mar 2020 - Sep 2022 | Noida, India

Achievements/Tasks

- Primary objective was to create and maintain components built using the Fluid Framework.
- Reduced p75 initial render time for an approx. 10,000-row Table component by approx. 30% (780ms to 546ms) through virtualization, partial rendering, and lazy module loading.
- Created a cross-application (across the M365 ecosystem) contextual commanding menu.
- Worked on setting up a cross-team testing framework using Jest, Puppeteer, and TypeScript, which was used by over 90 packages.
- Maintained, fixed bugs, and wrote new features, working on extensibility and reliability of the Table component on the Fluid Framework.

Software Development Engineer 3

Healthi
Jul 2018 - Mar 2020 | Bengaluru, India

Achievements/Tasks

- Created an online pharmacy ordering feature (React/Rails), improving the general conversion by 15%.
- Sole developer handling frontend architecture.
- Worked on creating microservices for multiple features, hence improving the maintainability and scalability of the code.

Tech Lead - UI

LodgIQ

May 2017 - Jun 2018 | Bengaluru, India

Achievements/Tasks

- Rewriting the frontend from AngularJS to React and Redux, creating a scalable and reusable structured codebase.
- Creating a management console for internal use on React and Redux, helping the BizOps teams reduce their delivery time by almost 75%.

Product Engineer

Babajob.com

Oct 2015 - May 2017 | Bengaluru, India

Accomplishments / Tasks

- Initially worked on the frontend code written in React and Redux; wrote new features like the Post New Job module, helping increase visits/job posts conversions by 25-30%.
- Migrating the frontend architecture to Angular 2, leveraging SSR using Node.js and Webpack (build tool) to cater to many devices and network speeds and adding SEO benefits.

Web Developer

Engage Beyond (Kagiso Interactive)

May 2015 - Oct 2015 | Ahmedabad, India

Accomplishments / Tasks

- Major responsibility was creating and maintaining the backend APIs and DB for mobile apps using PHP and MySQL.
- Writing frontend web apps using AngularJS and jQuery, doing API integrations and testing.

Software Design Engineer

Sevenion

Aug 2014 - Apr 2015 | Bengaluru, India

Accomplishments / Tasks

- Worked on an all-in-one solution for education institutions; my work revolved around API integrations, JavaScript, PHP, MySQL, and QA testing.
- Created the PhoneGap (iOS, Android) application for the same product.



EDUCATION

Bachelor of Technology (Information and Communication Technology)

Dhirubhai Ambani Institute of Information and Communication Technology

Jun 2010 - Jun 2014