

Jaya Aishwarya

Software Engineer II

Open to Remote / Noida / Gurugram Opportunities

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GitHub: github.com/jaish21

App: [Bloom AI](#)

Professional Summary

Senior Software Engineer with 8 years of experience building scalable, high-performance, customer-facing web applications, frontend platforms, and developer tooling across SaaS and product engineering environments. Expertise in React, TypeScript, frontend architecture, design systems, state management, and performance optimization, with a strong track record of leading complex frontend initiatives and improving engineering productivity at scale.

Experienced in building production-grade SPAs, establishing testing infrastructure, driving frontend best practices, and collaborating cross-functionally with product, design, and backend teams to deliver intuitive and maintainable user experiences. Previously worked at Rippling across workflow-heavy operational platforms including Identity Management, Global Payroll, Devices, and Automation systems.

Core Skills

- **Frontend Engineering:** React, TypeScript, JavaScript, Next.js, React Native, Redux, HTML5, CSS3, Tailwind CSS
 - **Frontend Architecture & Performance:** SPA architecture, State management, Component-driven architecture, Design systems, Component libraries, Accessibility, Frontend performance optimization, Route-based code splitting, React Profiler, Lighthouse, Webpack, Vite
 - **Testing & Reliability:** Playwright, Jest, React Testing Library, WebdriverIO, Selenium, Mocha, E2E testing frameworks, Frontend reliability, Test automation, Seed script automation
 - **Backend & APIs:** Python, Django, REST APIs, MongoDB
 - **DevOps & Tooling:** Git, Docker, Jenkins, Buildkite, GitHub Actions, CI/CD workflows, AWS basics, Sentry, Datadog, LogRocket, Observability
 - **Engineering Practices:** System design, Technical design documentation, Technical leadership, Frontend platform engineering, Design systems, Agile/Scrum, Code reviews, Mentorship, Cross-functional collaboration
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Professional Experience

Software Engineer II

Rippling | Bengaluru, India

September 2024 – November 2025

- Led end-to-end architecture and development of the Global Payroll Withholdings Platform, replacing hardcoded workflows with a configurable self-service system supporting onboarding for 41+ countries.
 - Served as the frontend technical lead within the Global Payroll organization, driving architecture decisions, scalable React patterns, frontend standards, and reusable component systems across teams.
 - Designed scalable frontend architectures and state management patterns for workflow-heavy operational platforms using React and TypeScript.
 - Architected and established scalable Playwright-based testing infrastructure, improving frontend reliability, observability, engineering velocity, and release confidence across Devices and Global Payroll teams.
 - Owned and delivered major frontend initiatives across Identity Management, Apps, Devices, Global Payroll, and Automation product domains.
 - Collaborated closely with product managers, designers, and backend engineers to translate complex operational workflows into intuitive and maintainable user experiences.
 - Optimized application performance and responsiveness through frontend profiling, route-level optimizations, and backend integration analysis for complex operational systems.
 - Mentored engineers and interns on frontend architecture, testing infrastructure, React best practices, and engineering workflows.
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Software Engineer – UI

Rippling | Bengaluru, India

December 2020 – April 2023

- Designed and implemented scalable and reusable frontend systems using React and TypeScript for customer-facing product experiences.
- Led migration of Identity Management modules from JavaScript to TypeScript, improving maintainability and type safety across the codebase.
- Refactored legacy applications into modern functional React architectures using hooks, modular patterns, and reusable components.
- Improved frontend performance using route-based code splitting and optimization techniques, reducing initial application load times.
- Built comprehensive testing coverage using Jest and React Testing Library to improve frontend reliability and release confidence.
- Revamped and modernized RPass, a password management Chrome extension, including E2E testing and production deployment.
- Maintained cross-platform testing consistency across web and mobile applications.

- Contributed reusable frontend systems and shared component patterns to improve UI consistency, maintainability, and development efficiency across multiple product domains.
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Software Development Engineer in Test

Rippling | Bengaluru, India

June 2018 – December 2020

- Built scalable automation frameworks using WebdriverIO for end-to-end, integration, and regression testing.
 - Enhanced CI/CD quality pipelines through automated test execution and faster engineering feedback loops.
 - Improved automation framework scalability and maintainability through reusable tooling and modular architecture.
 - Dockerized browser extension testing workflows to improve consistency and reliability across environments.
 - Collaborated closely with engineering and product teams to define testing strategies and improve release quality.
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Automation QA Engineer

Aurigo Software Technologies | Bengaluru, India

August 2016 – June 2018

- Developed Selenium WebDriver automation frameworks using C# for enterprise web applications.
 - Built reusable automation utilities using object-oriented programming principles, reducing maintenance overhead and improving framework scalability.
 - Worked on enterprise infrastructure and construction management platforms used by large-scale government and infrastructure clients.
 - Collaborated in Agile/Scrum teams with developers, QA engineers, and business stakeholders to deliver stable and high-quality releases.
 - Improved regression testing efficiency through reusable automation workflows and modular testing architecture.
 - Participated in requirement analysis, test strategy planning, defect tracking, and release validation processes.
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Education

Bachelor of Technology (Computer Science & Engineering)

Institute of Engineering and Technology, Lucknow
2012 – 2016