Adrian Prayogo

Experienced software engineer and engineering leader with 9+ years in frontend development and team management at a SaaS company. Seeking opportunities to drive impactful engineering initiatives in leadership or individual contributor roles.

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EXPERIENCE

Rainforest QA *Remote*

Senior Lead Software Engineer
Oct 2017 - Aug 2024

Lead Software Engineer
Mar 2017 - Oct 2017

Senior Software Engineer
Jul 2015 - Mar 2017

- Second frontend hire of a fully remote, globally distributed team, eventually leading the Frontend Team of 4 engineers. Responsible for the single-page application used by customers for test authoring, organization, result review, and account management.
- Collaborated with the product and design team on 30+ projects from full features to incremental user workflow improvements. Example domains include test authoring, test case management, result presentation, exploratory testing, user signup and onboarding.
- Developed a no-code, block-based visual test editor, which became a cornerstone of the company's product offering.
- Supported business model transition from contracts to pay-as-you-go self-serve, implemented a new registration flow and the subscription lifecycle and billing integration with Stripe.
- Collaborated with Backend and AI Engineers to develop an LLM-powered test generation feature within a week for a high-stakes demo.
- Improved test editor experience by collaborating with Ops Engineers on various projects, including reducing VM initialization time by 50% and enhancing resilience to poor network quality by switching from VNC to the Guacamole protocol
- Created a record-and-replay feature translating website interactions in a VM to Rainforest actions, easing test creation for new users.
- Improved developer experience through codebase modernization: migrated frameworks (Backbone to React, Jasmine to Jest), reduced boilerplate with design system (Chakra UI) and libraries (e.g. Redux Toolkit Query), and introduced static type checking (Flow), linting (Eslint), and auto-formatting (Prettier).
- Managed frontend integration with third party services (analytics, crash reporting, CRM) and CI/CD configuration
- Conducted bug triage, prioritization, and facilitated bug fixes across the frontend codebase, ensuring a smooth user experience and maintaining product quality.
- Led the Frontend Team, conducting regular 1:1s, providing training, performance reviews, project assignment, and hiring

Technologies: JavaScript, React.js, Redux, testing-library, jest, Flow, HTML, CSS, Webpack, Ruby, Rails, AWS, GCP, Stripe, Sentry, Segment

Collabrify.IT *Ann Arbor, MI*

Co-Founder, Lead Software Engineer
2013 - 2015

- Led the design, implementation, and maintenance of client libraries for Android and JavaScript. Supervised porting of client library for iOS.
- Developed Collabrify Cobrowse, a cloud-based web application for synchronized browsing.

Technologies: Java, Android, CoffeeScript, Python, Flask, AWS, Google App Engine

Intergalactic Mobile Learning Center (University of Michigan) *Ann Arbor, MI*

Lead Software Engineer
2011 - 2013

- Built a platform for real-time data synchronization in applications.
- Created collaborative concept mapping and drawing tools for Android.
- Led development of real-time collaborative mobile apps and Learning Management System for educational use

Technologies: Java, Android, AWS, Google App Engine

EDUCATION

University of Michigan Ann Arbor, Mi
M.S.E Computer Science and Engineering 2013
B.S.E. Computer Science and Engineering 2011

AWARDS

Magna Cum Laude University of Michigan, 2011