

PROS SENG

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Senior Software Engineer with 9+ years of experience architecting scalable, user-centered frontend applications and comprehensive test automation frameworks. Expert in React and TypeScript, with a strong track record of leading complex frontend initiatives, driving quality through end-to-end testing strategies, and mentoring globally distributed engineering teams. Skilled at aligning technical execution with business goals through cross-functional collaboration and technical leadership.

EXPERIENCE

Lytics, Portland, OR — Senior Software Engineer

February 2022 – Present

- Driving Playwright end-to-end testing initiative for the Lytics product across U.S. and India teams, establishing best practices and scalable test infrastructure that reduced UI regressions and improved platform reliability; developed a Next.js dashboard for real-time test insights and authored comprehensive documentation to streamline onboarding and guide contributions.
- Manage weekly triage to prioritize and resolve customer-facing GitHub issues, reducing backlog from 500+ to fewer than 10 open issues requiring developer attention and minimizing delays in user feedback resolution.
- Led UI development and implementation of Cloud Connect, a reverse ETL solution that enhanced customer segmentation and generated over \$700k in upsells and renewals for key enterprise clients.
- Spearheaded restructuring of platform navigation, unifying multiple products into a seamless user experience.

Lytics, Portland, OR — Software Engineer

June 2017 – January 2022

- Delivered the UI for Audience Discovery and Content Affinity features with cross-functional teams, helping customers unlock actionable segmentation insights and improve content targeting effectiveness.
- Streamlined new engineer onboarding through active mentorship, enabling core product contributions within a week and halving average onboarding time.
- Provided technical and career mentorship to junior engineers via structured pair programming, onboarding support, and goal-setting conversations.

HealthSparq, Portland, OR — UI Developer

September 2016 – May 2017

- Migrated legacy Cost Services code from monolithic architecture to a Java microservice, while delivering continuous feature enhancements for the Cost Experience on HealthSparq One's EmberJS platform.

Nike, Portland, OR — Software Engineer in Test

May 2015 – June 2016

- Developed and maintained automation scripts (Selenium, Nightwatch) for Nike Events Tool app. Built internal tools and dashboards to monitor end-to-end test suite health and improve team workflow efficiency.

EDUCATION

Catalyte, Beaverton, OR — Apprenticeship Fullstack Program

May 2015

Full stack curriculum: Backend Java web services with Spring MVC, Hibernate, MySQL, and mobile-responsive UI with Angular, jQuery, and Sass.

Macalester College, Saint Paul, MN — Bachelor in Chemistry

TECHNICAL SKILLS

Languages: TypeScript, JavaScript

Frontend: HTML, CSS, Material UI, Shadcn UI, Tailwind

Frameworks: React, Ember, NodeJS, NextJS

Testing: Vitest, Jest, Playwright

Cloud: AWS, GCP

Tools: Git, GitHub, Jira, Docker, Cursor

Practices: Agile, CI/CD