

Chris Stewart

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Professional Summary

Results-driven Automation Engineer with 10+ years of experience designing and implementing scalable test automation solutions. Adept at leading cross-functional teams and wearing multiple hats (QA, DevOps, Backend/Frontend Development, PM, Dev Lead) to drive efficiency and innovation. Also have strong front-end development expertise in React, JavaScript, and Next.js, frequently contributing to UI work.

Technical Skills

- Programming Languages: JavaScript (React, Next.js), Java, Bash, PL/SQL
- Test Automation: Playwright, Cypress, Selenium, TestNG, JUnit
- CI/CD & DevOps: Jenkins, Docker, Kubernetes
- Cloud Platforms: AWS, GCP
- Monitoring & Logging: Splunk, Elasticsearch, Grafana, Catchpoint, New Relic, OpenTelemetry, kubectl
- Version Control & SCM: Git, Bitbucket
- Project Management: Agile (Scrum, Kanban), Jira, Confluence

Professional Experience

Beyond Inc (Formerly Overstock.com) - Staff Automation Engineer

March 2021 – Present

- Lead automation efforts, designing scalable and maintainable test frameworks to enhance software development efficiency.
- Designed and integrated fully automated end-to-end testing using Playwright and a mock data server using Docker-Compose within a CI/CD pipeline, improving software quality and reducing manual testing efforts.
- Frequently contribute to front-end development, implementing React/Next.js components with React Hooks and Context API for state management.
- Enhanced system observability by implementing advanced New Relic synthetic monitoring, enabling proactive issue detection and resolution.
- Optimized CI/CD pipelines, cutting build and deployment time by 50% (from six minutes to under three minutes).

- Integrated automated Lighthouse scans into the CI/CD pipeline, improving tracking and optimization of core web vitals.
- Mentor and guide junior engineers, fostering a culture of continuous improvement in automation and DevOps best practices.
- Collaborate with development and QA teams to improve test coverage and reduce manual testing efforts.

Overstock.com - Senior Software Tester

July 2018 – March 2021

- Designed and integrated fully automated end-to-end testing using Cypress within a CI/CD pipeline, improving software quality and reducing manual testing by 50%.
- Developed a framework allowing multi-branch support using Kubernetes and Docker within test environments, greatly reducing testing lifecycle.
- Developed a centralized Jenkins pipeline library in Groovy, standardizing CI/CD processes and accelerating new project setup.
- Designed, developed, and maintained a complex process for merging individual SKUs across hundreds of database tables into a single SKU with all variants, using React/JavaScript for the front end, Java/Spring Boot for the backend, and PL/SQL for database operations.

Overstock.com - Software Tester

May 2015 – July 2018

- Performed regression, functional, integration, and user acceptance testing (UAT) on a suite of financially impacting applications.
- Automated the end-to-end Partner Onboarding process using a data-driven approach, eliminating 99% of manual testing efforts.

Overstock.com - Operations Support Technician

October 2014 – May 2015

- Acted as a liaison between IT and business units, ensuring smooth communication and issue resolution.
- Provided support to business users and resolved manual requests.
- Wrote SQL queries and PL/SQL scripts to troubleshoot or make manual data updates based on incoming requests from the business.
- Automated manual processes wherever possible, reducing workloads and increasing operational efficiency.