Erik Anderson

Senior QA Automation Engineer – UI & API Testing | CI/CD | Cypress & Playwright
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Summary

Senior QA Automation Engineer with a proven track record building scalable test automation frameworks and ensuring software quality across Agile web platforms. Expert in Cypress, Postman, Selenium, and visual regression testing. Skilled in cross-functional collaboration, CI/CD integration, and cloud-based testing in AWS environments. Adept at building frameworks from scratch and driving test reliability in fast-paced SaaS environments.

Technical Skills

- **Automation**: Cypress, Playwright, Selenium, Postman
- **Languages**: JavaScript, TypeScript, HTML, CSS
- **CI/CD**: GitHub Actions, Azure DevOps, Jenkins
- **Testing Areas**: UI, API, Regression, Visual, Smoke, Accessibility (508)
- **Tools**: TestRail, Jira, Zephyr, Applitools, Axe DevTools, BrowserStack, Confluence
- **Platforms**: SaaS, CRM, LMS, CMS (Drupal, Laravel)
- **Environments**: Agile, Scrum, Cloud (AWS)

Experience

Automation QA Engineer, Everfi (acquired by Blackbaud) — *Washington, DC*
Aug 2018 – Apr 2025

- Integrated test suites into GitHub Actions and Azure DevOps for CI/CD
- Reduced test flakiness by 82% and regression cycles by 8+ days/month
- Developed reusable plugin-based test architecture across CRM/LMS platforms
- Implemented Applitools for visual testing and Axe DevTools for accessibility
- Defined company-wide API test strategy using Postman and Cypress
- Created dashboards for test coverage, defect trends, and run time metrics
- Mentored junior QA engineers and led testing best practices sessions

QA Automation Engineer, Questex LLC — *Washington, DC*
Jan 2016 – Jan 2018

- Built and maintained automation for 40+ Drupal/Laravel platforms with Codeception
- Reduced regression risk by enforcing CI-integrated QA gates
- Collaborated in Agile sprints to align QA and dev velocity

QA Engineer, AKQA (Contract) — *Washington, DC*
Dec 2014 – Jul 2015

- Led QA for USPS.com and Verizon digital campaigns
- Delivered functional, regression, and accessibility test coverage

QA Engineer, MMG — *Rockville, MD*
Jun 2011 – Mar 2014

- Designed and executed test plans for web apps and APIs
- Developed integration test coverage for CMS and database layers
- Delivered QA for NIH, NCI, and GlaxoSmithKline in Agile environments

Quality Control Engineer, agencyQ — *Washington, DC*
Apr 2009 – Mar 2010

- Led QA validation for CMS-based marketing sites
- Performed cross-browser and functional testing aligned to specs

QA Lead / Project Manager Intern, Threespot Media — *Washington, DC*
Feb 2007 – Mar 2009

- Created test plans for sites like NPR, Peace Corps, and Kennedy Center
- Led full-scope QA for HTML/CSS-based applications

Education

- **Guilford College** — B.A. in Applied Studio Arts
- **General Assembly** — Coursework in Back-End Web Development

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Certifications

- Black Box Software Testing: Foundation Certificate — AST