James Kustritz

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SDET | QA Lead | DevOps-Oriented Test Automation Specialist

Summary

Experienced Software Development Engineer in Test (SDET) with 10+ years delivering scalable test automation, infrastructure management, and team leadership. Expert in Cypress, Playwright, Selenium, and AWS with a strong track record of enhancing CI/CD pipelines, ensuring accessibility compliance, and mentoring junior QA engineers.

Core Skills

Languages & Tools: C#, Python, JavaScript, Node.js, SQL
Frameworks: Playwright, Cypress, Selenium, SpecFlow, Pytest
Cloud & DevOps: AWS (Lambda, S3, EC2, SNS, SQS), Azure DevOps, GitHub Actions
Other: WCAG Accessibility, AxeCore, JIRA, Zephyr, k6 Performance Testing

Professional Experience

Elsevier – SDET III — Woodbury, MN
May 2018 – Present

- Led QA efforts across multiple agile teams; built, maintained, and migrated test suites between Cypress, Playwright, and Selenium.
- Built Python/AxeCore tools to audit and summarize accessibility issues across thousands of pages, driving WCAG compliance.
- Oversaw AWS infrastructure for secure delivery of consumer-facing media and documents.
- Managed CI/CD pipelines via Azure DevOps and GitHub Actions, integrating E2E, performance, and API test automation.
- Mentored new QA hires; standardized onboarding and coaching practices.
- Owned test automation strategy across teams, including BDD-style test design and legacy regression suite modernization.

HLINC – Sr. SDET — Remote
Jan 2021 – Oct 2021

- Designed a no-code Selenium alternative for test creation by end users.
- Built a centralized test orchestration platform with C#, Playwright, Selenium, and Azure Services.

Lexis Nexis Risk Solutions – QA Engineer — St. Cloud, MN
Jan 2018 – Apr 2018

- Developed automation with Selenium and C#; authored test plans and collaborated on QA initiatives.

Previous Roles (2012–2017):

> *QA Engineer (Wolters Kluwer) · Freelance Software Engineer · Mobile Developer · SharePoint Developer · Software Testing Analyst (GeoComm)*

- Delivered test frameworks, desktop/web/mobile apps, CI tools, and performance analysis systems.

Education

St. Cloud State University - St. Cloud, MN

B.S. Computer Networking - InfoSec (2009-2013)
Graduate Coursework - Parallel Computing (2016-2017)