

Poorva Ramani

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PROFESSIONAL SUMMARY

Senior QA Automation Engineer with 10+ years of experience building comprehensive test automation frameworks, leading incident management initiatives, and driving quality processes. Expertise in modern testing tools (Playwright, Cypress), cloud infrastructure (AWS), and CI/CD pipelines.

TECHNICAL SKILLS

- **Languages & Frameworks:** JavaScript, TypeScript, Java, Node.js, React, HTML5, CSS3, SQL, NoSQL
- **Testing Tools:** Playwright, Cypress.io, Selenium WebDriver, Rest Assured, Postman, TestNG, Sauce Labs, Zephyr Scale
- **Cloud & DevOps:** Docker, AWS (Step Functions, Lambda, SNS, CloudWatch, CodePipeline, CloudFormation), GitHub Actions, Bamboo, Bitbucket
- **Monitoring & Collaboration:** DataDog, Akamai, Slack, Atlassian Jira, HP ALM/QC

WORK EXPERIENCE

Washington Post - ARC XP
Senior Automation QA Engineer

Chicago, IL/Remote
June 2019- Present

- Engineered a comprehensive automation regression suite using Playwright, Cypress.io, JavaScript, achieving a 50% reduction in regression testing time, from 4 days to less than 2 days. (**Playwright, Cypress.io, JavaScript, Typescript**)
- Built end-to-end automation for Content API provisioning using Docker, GitHub Actions, AWS serverless services (Step Functions, SNS, Lambda), and Jira rules, achieving 92% reduction in deployment time (3 hours to 15 minutes per client environment) (**GitHub Actions, AWS Step Functions, SNS, Lambda, Docker and Atlassian Jira**)
- Implemented continuous integration into the QA regression suite for quality control release gates and faster-reporting feedback loops (**AWS Codepipeline, AWS CloudFormation, GitHub Actions**).
- Pioneered QA processes at Arc Publishing as the first Quality Assurance specialist, establishing testing frameworks and educating engineer and design teams on best practices.
- Reviewed acceptance criteria and UX designs to create test cases in Zephyr Scale, identified and fixed defects in React codebases, and used debugging tools like AWS Cloudwatch for root cause analysis. (**Zephyr Scale, AWS Cloudwatch**)
- Led a QA team of 2, enhancing operational efficiency and onboarding, directly contributing to increase in team productivity by optimizing interview and training processes. (**Mentorship**)
- Implemented integration with Slack and DataDog CI Visibility monitoring tool for smoke and regression test performance tracking. (**DataDog**)
- Transformed incident management practices by leading systematic reviews, enhancing SLA tracking, and proactively resolving recurring issues, significantly improving platform reliability and team accountability. (**Datadog, Akamai**)

WW Grainger – Client, Tata Consultancy Services – Employer
QA Engineer

Chicago, IL
Feb 2015 - June 2019

- Created, updated, and executed automated functional and regression test suites for \$10+ billion W.W. Grainger's e-commerce desktop and mobile websites built on a customized Keyword Driven Automation Framework. (**Selenium WebDriver - Java, Rest Assured, PostMan, Bamboo and Bitbucket**)
- Engineered Chrome and Firefox plugins to assist with manual load balancing testing via HTTP cookie manipulation that provides easy access to development, testing, and production environments for both mobile and desktop websites.
- Participated in testing PCI Compliance project using keypad device to test for payment encryption: FreedomPay, for authentication.
- Verified TestNG and Sauce Labs test results and created, tracked and maintained failed test cases in JIRA and HP ALM. (**TestNG, Sauce Labs**)
- Developed detailed test plans and cases based on design documents in HP QC, prioritized and resolved critical bugs with engineering and management teams, and coordinated with TCS's Mobile Offshore team in India for proper execution of the regression test suite.

WW Grainger - Client, Tata Consultancy Services – Employer

Gurgaon, India

- Executed manual regression test cases in HP QC for mobile website (m.grainger.com), Android and iOS real time devices and SIMs.
- Performed functional testing for user stories and regression and smoke testing for mobile websites every sprint.

CERTIFICATIONS

- International Software Testing Qualifications Board (ISTQB) Software Tester Certifications: Certified Tester - Foundation Level in 2014
- Programming in HTML5 with JavaScript and CSS3 Specialist certification from Microsoft in 2012

EDUCATION

- **Masters in Business Administration** from University of Illinois Chicago | Aug 2022-July 2024
- **Full Stack Development Bootcamp** from Northwestern University | Oct 2019-March 2020 - A six-month intensive coding boot camp to refine skills in HTML, CSS, SQL and Javascript (ES6), Node.js, Express, React, NoSql etc.
- **Bachelor of Technology** specialized in Electronics and Telecomm | Uttar Pradesh Technical University | Aug 2007-July 2011