Justin Wilkins

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Summary

Highly skilled software engineer with extensive experience in automation testing and software development. Adept at streamlining processes, and collaborating across teams to deliver high-quality software solutions. Proven ability to solve complex problems and drive improvements in software.

Skills

- **Programming:** Python, Java, Typescript, C#, Angular JS
- **Automation Tools:** Selenium, Cypress, Playwright, Robot Framework
- **CI/CD:** Jenkins, GitHub Actions
- **Test Management:** Jira, Rally, TestRail
- **API Testing:** Postman, Bruno, Junit
- **Version Control:** Git, GitHub

Professional Experience

Prism HR, Quality Assurance Automation Engineer (June 2022 – Present)

- Utilized **Cypress** and **TypeScript** to develop and execute robust automation test suites for a web application, ensuring thorough **end-to-end** and **API** test coverage.

- Reduced a week-long regression testing cycle to 2–4 days by optimizing test automation workflows, implementing **parallel execution**, and refining test case design.

- Built and integrated **CI/CD pipelines** using **GitHub Actions**, automating test execution and enhancing release efficiency through continuous feedback.

- Partnered with developers and product teams to identify, track, and resolve complex defects, contributing to improved user experience and adherence to **Agile** development practices.

Carestream, Software Engineer (March 2019 – June 2022)

- Maintained and enhanced a **C#** and **AngularJS** web application, focusing on seamless integration with automated testing frameworks for streamlined defect resolution.

- Mentored team members on debugging, automation strategies, and efficient use of tools like **Git**, **Rally**, and **Postman**, fostering a culture of knowledge sharing and collaboration.

Carestream, Automation Engineer (July 2017 – March 2019)

- Designed and implemented a scalable, **Python**-based automation framework using **Robot Framework**, tailored for testing a **C#** and **Angular JS** web application.

- Reduced a 2-week manual regression cycle to just 3 days by automating test cases, introducing parallel test execution, and refining the test suite to focus on high-priority areas.

- Integrated the test automation framework into **Jenkins CI/CD pipelines**, enabling automated nightly builds and detailed regression test reporting for development teams and stakeholders.

- Authored detailed technical documentation for the automation framework, enabling future scalability and simplifying onboarding for new team members using **Confluence**.