

## Christopher R. Williams

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### Education

Gettysburg College, *Gettysburg, PA*

May 2022

**BA: Computer Science and Philosophy**

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### Skills

- **Programming Languages:** Java, JavaScript, SQL
  - **Automation Testing Tools:** Selenium, Cucumber, Katalon, Playwright, Postman and Cypress
  - **Accessibility Tools:** Accessibility Insights for Web, Colour Contrast Analyst, Axe, JAWS, and NVDA
  - **Work Management Tools:** Jira, Azure DevOps, Git, SQL Server Management Studio, PowerBi, and Excel
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### Professional Experience

Experienced Software Development Engineer in Test (SDET) specializing in designing innovative test automation frameworks and enhancing testing strategies for consumer-facing and internal web applications. Proficient in leveraging Java, Selenium, TestNG, Maven, and API testing to architect scalable, maintainable, and high-efficiency automation solutions. Demonstrated success in driving substantial innovation and improvements in test reliability, and CI/CD integration through strategic automation initiatives.

**Inspira | QA Engineer 2** | Chicago, IL

March 2024 – Present

- Led innovation initiatives optimizing automation strategies by migrating over 5,000 legacy test cases into Azure DevOps, utilizing Power BI for detailed metric tracking and reporting, improving transparency, traceability, and overall efficiency of regression testing processes.
- Developed and executed 100+ in-sprint automation test scripts using Java, SQL, Selenium WebDriver, TestNG, and Maven. Meticulously document defects in Azure DevOps (ADO), providing actionable details, clear reproduction steps, and accurate severity ratings, enabling rapid issue resolution by development teams.
- Developed comprehensive REST API testing suites with Postman and Java, thoroughly validating critical endpoints (GET/POST requests) related to member information, intricate health plan setups, and ensuring data integrity across integrated backend systems.

**Deloitte | Solutions Analyst** | Mechanicsburg, PA

May 2022 – March 2024

- Software Development Engineer in Test — Maryland State Child Care, designed and developed 200+ automated test scripts. Responsible for end to end feature testing throughout the agile development cycle to ensure application stability and quality. Proactively identified and reported defects using Jira, collaborating closely with cross-functional teams to prioritize and resolve issues rapidly.
  - Software Development Engineer in Test — State of Pennsylvania's Workers' Compensation Automation and Integration System. Designed and implemented a Java Selenium data-driven testing framework tailored to client specifications for manual testing, enabling their team to efficiently execute scalable and reliable test cases across the application without technical experience.
  - Accessibility Tester — Maryland State Child Care application built on Salesforce, following WCAG guidelines, for mobile (Safari on IOS) and web testing (Chrome, Edge, Safari on Mac) using manual and automated testing with tools (NVDA, JAWS, Colour Contrast Analyst, AXE, and Accessibility for Mac).
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### Certification

- ASTQB Certified Tester
- SAFe® 6 Certified Practitioner