

WILLIAM ZACHARY PARDEE

Senior QA Automation Engineer | SDET | Test Automation Specialist

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PROFESSIONAL SUMMARY

Senior QA Automation Engineer with 10+ years of experience delivering quality assurance solutions for enterprise software applications and 7+ years specializing in test automation. Expertise in Selenium WebDriver, C#.NET, JavaScript, TypeScript, Azure DevOps, GraphQL, Kubernetes, API testing, and CI/CD.

TECHNICAL SKILLS

Programming: C#, .NET, JavaScript, TypeScript, Node.js, SQL

Automation: Selenium WebDriver, Cucumber, Gherkin, API Testing, GraphQL Testing, Regression Testing, End-to-End Testing

DevOps: Azure DevOps, Kubernetes, Octopus Deploy, CI/CD

Tools: Jira, Zephyr, Jenkins, TeamCity, Visual Studio, SQL Server, MySQL, Appium

PROFESSIONAL EXPERIENCE

Mortgage Cadence (Accenture) | Software Testing Engineer | Test Automation Specialist

June 2019 – April 2026

Mortgage Cadence is a cloud-based loan origination and digital lending platform used by banks, credit unions, and mortgage lenders to manage the mortgage lifecycle from application through closing.

- Designed, developed, and maintained automated testing frameworks using Selenium WebDriver, Cucumber, Gherkin, C#, JavaScript, and TypeScript.
- Tested end-to-end mortgage lending workflows including borrower application intake, loan origination, Product & Pricing Engine (PPE), underwriting, disclosures, document generation, workflow automation, and loan lifecycle management.
- Validated borrower-facing functionality including online applications, document uploads, eSignature workflows, borrower portals, and loan status tracking.
- Developed and executed automated and API tests for GraphQL services, LOS platform integrations, credit data providers, title services, and third-party vendor integrations.
- Developed automated regression testing frameworks that reduced manual testing effort by thousands of hours and improved release confidence across multiple product teams.
- Managed Azure DevOps CI/CD pipelines and supported cloud-based deployment initiatives utilizing Azure DevOps, Octopus Deploy, and Kubernetes.

TecStar Consulting | QA Tester

June 2015 – June 2019

Provided quality assurance, test automation, and systems integration support for client software projects across aerospace, manufacturing, education, and emerging technology industries.

- Created and maintained automated test suites, manual test plans, and defect tracking processes for enterprise software applications.
- Developed and executed web application, unit, and performance tests using Selenium, MS Test, Apache JMeter, Visual Studio, and Eclipse.

Selected Client Engagements:

- Hunter Douglas – Automated testing solutions for PowerView motorized shade systems.
- Ball Aerospace – Unit and service-layer testing for manufacturing and inventory control applications.
- Jefferson County Public Schools – User acceptance testing and development environment support.
- Vision Xplorer VR – Software validation and testing for a virtual reality platform initiative.

ADDITIONAL ENGINEERING EXPERIENCE

Colorado Space Grant Consortium – CubeSat Design Project

- Designed and manufactured a 6-unit CubeSat structure as part of a multidisciplinary engineering team.
- Created CAD models, engineering drawings, and manufacturing documentation.
- Served as communications lead and helped deliver a baseline satellite prototype for future design teams.

EDUCATION

Bachelor of Science in Mechanical Engineering
University of Colorado Boulder