

David Davies

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OBJECTIVE

Experienced Automation Engineer with expertise in Frontend Javascript development. Proficient in Node.js, Selenium WebDriver, WDIO, and TestCafe. Seeking a challenging Automation role to deliver high-quality software solutions to a dynamic and innovative team.

TECHNICAL SKILLS

Programming Languages: Javascript, HTML/CSS, C# | **Analytics:** A/B Testing, Apple Analytics | **Frameworks:** Node.js, Testcafe, WDIO, Selenium, Mocha, Chai | **Tools:** Appium, JIRA, GitHub, Jenkins | **Processes:** Release Management, Agile methodologies, Scrum/Sprint processes, CI/CD pipelines, Regression Testing, Functional Testing, SaaS experience

EXPERIENCE

Senior Automation Engineer | Apple Inc. Channel On Device | Nov 2022 - Present

- Worked on Meet iPhone Application on device for Retail Clients (Verizon, AT&T, BestBuy etc.)
- Develop automation tools to ensure integrity of device Application.
- Helped develop framework and incorporate tests into jenkins build.
- Automated API tests to ensure data populated to application as expected across all locales/regions.
- Helped create automation framework to test for language options on Application.
- Work with AOS, Pricing, and International teams to implement features across all locales/regions.

Senior Automation Engineer | Apple Inc. Website | Dec 2021 - Nov 2022

- Developed automated test framework using WDIO and POM to increase test coverage by 50%.
- Improved test performance by 40% by implementing multi-thread execution with selenium grid.
- Collaborated with developers and product managers to root cause issues, and enhance framework.
- Automated builds and deployments using Jenkins, resulting in a 30% reduction in release time.
- Created and Released tool for Pricing API across entire .com pages and for all locales and regions World Wide.
- Develop Data Driven tests for large JSON canonical data models across various tests.
- Created clear and concise documentation covering tools for Managers and Testers via Quip with LucidChart figures.
- Exercised and promoted best practices and used it to mentored junior engineers - improved team productivity.

Frontend Automation Engineer | Apple Inc. Website | Nov 2019 - Dec 2021

- Designed and developed Frontend applications using React for Department.
- Collaborated with QA engineers to identify and resolve issues.
- Designed, developed and maintained automated test scripts for regression and functional testing.
- Automated scripts to capture analytics with Testcafe and Node.js framework.
- Successfully integrated automation testing into the CI/CD pipeline via Jenkins with Groovy.

QA Analyst | Apple Inc. Website | Jun 2017 - Nov 2019

- Work closely with product managers and developers to create detailed test plans and test cases for new pages.
- Execute manual and automated tests to ensure that software meets quality standards and user requirements
- Report and track defects, and collaborate with developers to resolve issues
- Conduct regression testing to ensure that defects are fixed and new features do not impact existing functionality
- Work with cross-functional teams to ensure that software is released on schedule and with high quality
- Participate in Agile development process and attend daily stand-ups, sprint planning, and retrospective meetings

Quality Assurance | Reynolds and Reynolds | June 2015 - Oct 2017

- Developed test plans, test cases, and test scripts based on business requirements and functional specifications.
- Executed manual tests, identified and documented defects, and reported them to the development team.
- Conducted regression tests to ensure software updates and changes did not impact existing functionality.
- Maintained and updated regression test suites as necessary.

PERSONAL PROJECTS

Personal Website: <https://uhpotato.github.io/>

Unity Engine WebGL Game: <https://uhpotato.github.io/game.html>

- Unity Engine, C# Scripts, Microsoft Azure PlayFab backend, AI for art

GitHub: <https://github.com/uhPotato>

EDUCATION

Full Stack Web Development Certification | University of California Berkeley 2018

Bachelor of Science in Computer Science | SHSU | 2014