# David Davies
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## OBJECTIVE

Experienced Automation Engineer with expertise in Frontend Javascript development. Proficient in Selenium WebDriver, Protractor, and Cypress. 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.

**Senior Automation Engineer | Apple Inc. Website via Hogarth | 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 enahnce framework.
- Automated builds and deployments using Jenkins, resulting in a 30% reduction in release time.
- Exercised and promoted best practices and used it to mentored junior engineers improved team productivity.

**Frontend Automation Engineer | Apple Inc. Website via Hogarth | 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.

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

- Collect, analyze, and interpret large datasets to identify trends, patterns, and insights that inform business decisions.
- Develop and maintain data models, dashboards, and visualizations to track key performance indicators (KPIs) and present findings to senior management.
- Collaborate with cross-functional teams to define data requirements and ensure data integrity and accuracy.
- Identify opportunities for process improvements and automation to increase efficiency and effectiveness of data analysis.

**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**