Nicholas Smith

Software Engineer

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Summary

- 4.5 years professional development experience

- Experience with languages (Javascript, Python, Typescript) and with a plethora of testing tools and frameworks (Git, Docker, BurpSuite, Mocha, Jasmine, CircleCI).

- Developed and implemented development tools and processes in a continuous integration agile environment to speed up the release process and ensure code is high quality.

Work experience

Software Developer Engineer In Test Lead
2016-01 - Present

Honest Buildings

* Developed an integration testing framework with Mocha and NodeJS, capable of running over 5,000 tests in parallel batches directly against our API, ensuring quality and preventing deadlocks and race conditions.

* Created regression suites capable of creating test fixtures via our api, then opening Selenium browsers to test the end user experience, allowing for complete end to end confidence in our systems.

* Designed and implemented a Slack bot that integrates with our various tools (Github, Asana, CircleCI) that automatically monitors and alerts us what steps are necessary to release code, decreasing the administrative burden on Product Managers and speeds up the Software Development Life Cycle.

* Managed QA resources, establishing standards, processes, and creating a Quality Goals Roadmap, providing leadership and direction for the overall Company QA process.

Software Quality Assurance Analyst
2015-01 - 2015-12

ITA Group, Inc

* Wrote and "Wired Up" integration tests using Specflow, SpecAid, and Gherkin, creating BA readable test case scenarios.

* Extended current C# unit test coverage using Moq and AutoMoqer, allowing for very fast and robust code coverage tests

* Used BurpSuite to crawl webpages and test against different vulnerabilities, providing more confidence to client and stake holders that applications are secure.

Software Development Engineer in Test
2014-02 - 2015-01

Xpanxion

* Developed automated tests using C#, Coypu, Selenium, CSS, XPath for client's internal and client facing webpages, enabling a smooth user experience through "Happy Paths"

* Designed and committed new implementations for our internal automation framework using AnkSVN and TortoiseSVN subversion tools, extending the functionality of the custom automation core.

Software Developer
2013-04 - 2014-02

KMJ

* Created an internal PHP based returns program which tied in with our customer data , streamlining the returning process.

* Developed custom bulk editing tools for product line managers using Python, Tkinter , allowing bulk processes to be handled in a matter of seconds not days.

Education

Bachelor of Liberal Studies
2008 - 2012

Iowa State University