Hai Vu

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Seasoned software test engineer/scrum master with experience in automated software testing and agile development is seeking to continue career.

Qualifications

- Certified Scrum Master certificate with a year of experience
- Platforms: Windows, Linux, Mac OS X, and Android
- Languages: Python, C++, Java, Javascript, and Tcl
- Other technologies: REST, XML, xUnit, Continuous Integration

Experience

CISCO SYSTEMS, Software Engineer/Scrum Master, 3/2008 - 10/2013

- Automate testing of high-profile products (Communications Manager, Unity, and Unity Connection)
- In the new Scrum Master role, guided a development team through a few release cycles

Key accomplishments

- As a Scrum Master, increased team's average velocity from 29 points to 34 points in the last six months
- Three-time receiver of Peer-to-Peer nomination award
- Trained a group of 18 engineers in an eight-week scripting program. Created tens of tutorial articles, videos, and presentations on various automation subjects
- Developed load test which simulated up to 200 users who access our server at the same time
- Designed, implemented, and deployed automated suites of scripts to test large-scale systems including Cisco Unity, Cisco Unity Connection, Jabber audio and video components.

MICROSOFT CORPORATION, Software Design Engineer in Test (SDET), 6/1991–7/2001

- Manual and automated tests components of Microsoft Office, Visual C++, Windows and DOS.
- Led teams of SDETs to test international editions of Office, which include Japanese, Chinese, Korean, and German
- Maintained and localized command-line tools such as NMake, Linker, Profiler.

Key accomplishments

- Created a tool called API.EXE, which later incorporated into Visual Basic versions 4 as API Viewer
- Trained and lead team of two software test engineers to report and verify fixes of over 3,740 key bugs in two-year period
- Consolidated build process for separate languages into unified process, saving an average of two hours per week, reducing number of lab machines needed by half and reducing build time by 75%

Education

MBA in Technology Management, 2006, University of Phoenix

BS in Computer Science, 1991, University of Colorado

Projects

Cisco Jabber

8/2012 - 10/2013 Software Engineer, Scrum Master

Accomplishments: In 9 months, as a scrum master, increased team's velocity from 15 to 21 points, or 40%. One peer-to-peer recognition. Certified Scrum Master.

Technologies involved: RESTful web services, Continuous Integration (CI), cross-platform development (Linux, Mac OS X, Windows, IOS and Android), SCons, Google C++ Testing Framework, C++ and Python.

Cisco Unity and Unity Connection

8/2010 - 8/2012 Software Engineer

Accomplishments: 3 VP's outstanding awards. Trained peers on Tcl and Python scriptings. Created short tutorial videos. Created 3 test tools as extra-curriculum activities (a turn-key server setup, XML builder and parser, and a user-manager for Unity Connection). Created and maintained an intranet server for defect trending and reporting.

Technologies involved: PostgreSQL, XML, RESTful Web Services, LAMP (Linux, Apache, MySQL, and PHP), Tcl and tcltest, Python and nose.

Cisco Unity

3/2008 - 8/2010 Software Engineer

Accomplishments: 2 Cisco outstanding awards. Created 6 wrapper libraries in Tcl for testing MeetingPlace's C++ APIs. Played extra-hand maintaining various tools written in Java, C#, and Tcl. Reduced 20 9000-line test scripts to libraries and test scripts, totaling less than 3000 lines while increased performance 10- to 30-fold. Reduced a 6000-line Java tool down to less than 1000 lines while increased performance 10- to 30-fold.

Technologies involved: Tcl, Java, C#, Soap, WSDL, XML, MIME, socket communication.