ENGINEERING MANAGER
Career Overview

A practiced, professional Test Manager with over 20 years of success managing test and validation of next-generation software / hardware technologies across multiple concurrent projects and releases. Delivered effectively to time and budget on a variety of complex, large-scale, multi-platform projects including: complex network framework, IoT (Internet of Things), telecommunication and hosted services, business process tools, automation frameworks. Managed, trained and mentored multi-disciplinary, geographically dispersed teams including, software development, test and validation, planning, QA, configuration management, agile scrum master and product owner.

Qualifications

- Product, system and software testing across multiple OS platforms (Windows, Windows Store, Android, iOS, Arduino & Linux) over full product life cycle, including Agile, V-model and Waterfall development methods
- Managing multiple on-going projects with geographically dispersed teams, establishing and using sub-contract resources with on and off-shore models
- Developing clear test strategies, proven ability to translate functional, non-functional and use case requirements into test plan, scripts and automation with full traceability to requirements
- Leading continuous improvement of development, testing and organization processes
- Proficient MS Office, Visual Studio, Eclipse and C

- â€¢Scrum master for multiple concurrent scrum teams. Facilitate and organize all scrum ceremonies including the daily stand-up, retrospectives, demos, release planning and backlog grooming meetings. Support the scrum team member to mitigate impediments, resolve conflict.
- Tool administration and usage including, Jira, Rally, Clear Quest, Quality Center, ProtexIP, Sub-version, GIT, RTC, Bugzilla, Quality Center, Jenkins, Gerrit and others
- Experience in testing software as a service (SaaS) applications
- Design performance and stress testing of peer-to-peer / device-to-device network application and cloud XMPP server

Work Experience

Company Name September 2011 to Current Engineering Manager
City , State

- Managing and overseeing highly technical, multidisciplinary team of 15+ testers and developers, which were responsible for developing device to device and IoT automation framework, developing 10 different SDKs test tools across 5 different OS platforms (Windows, Windows store, Android, iOS and Linux) and simultaneously testing and validating multiple independent software products for Intel WPRD Wireless Software Services (WSS).
- Cultivate partnerships with globally cross companies and teams in managing on-time, successful product (including open source) releases.
- Establish and manage fully functional outsourced validation operation in Bangalore, India, leading to significant cost reduction and enabled follow-the-sun testing to reduce the product development cycle and freeing full time employees for higher-value work.
- Collaborate with executive management, product owner, sales and marking to provide validation and test estimated for feature or product release Formulate and implement software testing strategies for multiple concurrent projects Designed and supervised the development of cross OS platforms peer-to-peer/device-to- device test automation framework Designed and supervised the development of 10 different SDK test tools using C/C++, C#, Java, and Objective C Defined OIC/IoTivity compliance and certification test cases for open source community Chair bug weekly bug scrub review and prioritization Instrumental in reducing traditional project integration phases from a two weeks to one day by implementing continues integration (CI) automated build and test systems that enabled 100% build acceptance test automation.
- Instrumental in setting up Gerrit web based code review, as results the code quality has significantly improved and reduced regression test cycle by 50% Tool administration Rally, Clear quest, Jira and others Volunteered to be the scrum master for multiple scrum teams in additional to fulfilling my job responsibilities Managed and put process in place to ensure the off shore development center become seamless extension of our development team.
- Delivered incremental automated feature level testing on multiple projects across different OS platforms for wired and wireless technologies.

Company Name July 2009 to September 2011 Director of Quality Assurance
City , State

- Responsible for testing Qwarq transport agnostic wireless connectivity framework, the goal was to create new user experience leveraging multiple wireless technologies to make device-to-device connection easy.
- Developing clear test strategies, proven ability to translate functional, non-functional and use case requirements into test plan, scripts and automation with full traceability to requirements Establish the quality assurance department for the company Managed, hired and trained test engineers Planning all resources and schedule test activities within and cross companies Worked closely with development, and support to implement and promote quality policies and processes throughout the company Worked closely with multiple PC OEMs simultaneously to understand their quality criteria and ensure the product quality meet or exceed their quality requirements.
- Procure Hardware and software for test and development Instrumental in conducted usability tests.

Company Name November 2006 to July 2009 Director of Quality Assurance
City , State

- Establish the quality assurance department for the company
- Planed all resources and schedule test activities while working closely with clients

- Worked closely with development, support, marketing and sales directors to implement and promote quality policies and systems throughout the company
- Tested Ultra wide band (Wireless USB) PHY, MAC, drivers and applications for both windows and embedded platforms
- Tested Bluetopia Bluetooth stack and profiles on different PC and embedded OS platforms
- Testing WIFI (802.11a/b/g/N) application including standard, Intel and cisco security supplements
- Microsoft WHQL drivers certification for Stonestreet One Ultra wide band, and Bluetooth drivers

Company Name May 2004 to November 2006 Quality Assurance Manager
City , State

- Manage, mentored and train test engineers who were responsible for testing (SaaS) time and attendance Product
- Developed and worked with development team to implement quality process and procedures for the company to improve code quality and stability, as results reduce internal and customer reported defects by over 50%
- Manage defect tracking system
- Manage test case development and execution following Ceridian CUSP process
- Perform defect postmortem on all field reported defects and implement the necessary change to prevent future incidents
- Manage testing lab.

Company Name August 2001 to February 2003 lead test Engineer
City , State

- Create manual and automated test cases, setting up and maintaining test environment for the department, execute functional, regression, stress, and load testing.

Company Name July 1995 to December 1999 Lead Test Engineer
City , State

- Lead group of quality assurance engineers testing and validating ITU H26X standard based video codecs namely H263 Plus, H263, I263, H261, Indeo 5.x, Automatic Echo Cancellation (AEC) audio codec for Intel videophone.
- Scheduling regular bug scrubs sessions with the development team.
- During the bug scrubs assigning owners to the new defects, priorities defects to be included in future phase of development.
- Scheduling code inspection and design review to find the bug in early stage of software development cycle.

Company Name Owner / President
City , State

- Installed the requested software and tested the compatibility of the new multimedia software and hardware Test and debug multimedia products, such as sound cards, video recorders, video capture cards, CD-ROMs and others Developed functional tests for stress, volume and continuity testing of software and hardware Configured system with various peripheral (scanners, printers, video digitizers) Reproducing bugs the were found during the test and compile all results Write reports and results that were found during the tests.

Education and Training
Webster University 2004 Master of Science : Computer Resource Information Management City , State
Kabul University 1992 Bachelor of Science : Computer Science
Skills
audio, automation, C, C++, CD-ROMs, Ceridian, cisco, Hardware, cost reduction, clients, drivers, executive management, Functional, inspection, Intel, Java, Linux, MAC, Managing, marketing and sales, C#, Windows, Windows XP, multimedia, Objective C, OS, policies, printers, processes, product development, quality, quality assurance, quest, sales, scanners, Scheduling, scrum, scripts, software development, software testing, sound cards, sun, test tools, USB, validation, video, Vista