SOFTWARE QUALITY ASSURANCE MANAGER

Skills

- ARDUINO/YUN, Rohde & Schwartz, Tektronix Logic Analyzer
- Software Languages: Perl (debugging), Python(debugging), Shell Programming, HTML,
- Operating systems: UNIX, Linux, OpenWRT, Windows
- Technologies/Tools: SQL, X-Windows, TTCN, TestExpert, Hadoop(familiarity), HTML, CGI, WinRunner, LoadRunner, Rational Robot, Rational RequisitePro, ClearCase, PERFORCE, ClearQuest, Ontologies, Digital Signage Networks, IoT(AllJoyn), M2M, Ubiquitous and context-aware, sensor networks, robotics, energy efficiency, health monitoring, STAF/STAX, SDLC, TDD, Bugzilla, DevTrack, TestTRack, ExtraView, Agile, JIRA, CONFLUENCE, Sharepoint, Web developer Tools(Chrome, IE, Firefox,/Firebug), iperf, Wi-spy Chanalyzer, Wireshark, Komodo IDE (HTML, CSS3), MS Office Applications
- Protocols: TCP/IP, OSI, GSM, SNMP, CDMA, IEE802.15.4 and Zigbee.

Accomplishments

- Elected and honored as Leader of the Year for exceptional performance and achievements in "innovation and leadership".
- Played a pivotal role in the standardization of a number of protocols in the areas of internet of things (IoT); involved in open source initiatives.
- Successfully delivered problem free the first FLOTV (tv on the phone) commercial release to 100 markets; FLOTV was one of the flagship services of Qualcomm.
- Contributed expertise of sensor technologies to lead the development of new context-aware platform within Qualcomm.
- Project-managed and influenced design and prototype of cutting-edge products surrounding sensor networks, data mining, smart grid and energy efficiency, smart wearable computing, health monitoring, brain waves and affective computing, intelligent vehicles, etc.
- Successfully filed and granted multiple patents on indoors localization using sensor technologies.

Professional Experience

Software Quality Assurance Manager , 01/2012 to Current

- Direct system test team and drive efforts to formulate creative testing method using extensive knowledge in embedded testing, reducing testing time by 30% without sacrificing quality.
- Designed & implemented AllJoyn interoperability IoT test lab with limited budget, that helped the Internet of Things technologies to accelerate the compatibility among the devices Resourcefully designed multiple (100 connected devices) AllJoyn device shelves to facilitate load/stress and performance testing Authored comprehensive system test plan for scalability and performance requirements for IoT.
- Streamlined DevOps via automated test infrastructure (STAF/STAX) and continuous integration (Jenkins), improving by 30% the quality of the product delivery.
- Spearhead AllSeen Alliance to establish Compliance and Certification (C&C) Working Group and C&C Committee.
- Currently serve as co-Chair of C&C Committee Group within AllSeen Alliance.

System Test Engineer Lead , 01/2008 to 01/2012 Delta Air Lines, Inc.

- Directed development of test labs and led associated activities encompassing test procedures, test execution, problem isolation and report generation.
- Motivated and managed team members while partnering with systems engineers and software developers for seamless implementation and performance tuning.
- Boosted marketing and merchandising performance for companies in food, home & garden, electronics, home improvements, autos, health, clothing & accessories industries by promoting access to mobile devices using EVDO Broadcast/MediaFLO.

System Integration Manager , 01/2003 to 01/2008

- Deftly handled the System Integration, System Test, Audio Video Quality, Tools & Test Environment, Release Management, Lab Operations Group and the Over The Air team for the MediaFLO Project and deliver the first TV on the phone service.
- Applied dynamic leadership talents toward directing and coordinating 120 engineers throughout system integration, testing, release management and DevOps functional areas.
- Handled the DevOps for better support to all the MediaFLO releases and planned the buildup of two datacenters; budget authority CAPEX> $8.5M.

System Test Lead , 01/2000 to 01/2003

- Directed, mentored and supervised 20 engineers, led development and implementation of test lab, defined test management process, managed requirements, and devised defect tracking systems.
- Steered test data definition and acquisition processes to compile large list of movies, clips, trailers, and sound.
- Multiple record and playback tools (WinRunner, Rational Robot) used to automate GUI testing.
- Automated the SNMP protocol load and stress testing using SimpleTester testing tool, reducing the testing time by 40% Defined process for test tools releases and designed and managed Automatic Fault Insertion Extender Board for adversarial testing.
- The tools were used successfully in multiple projects increasing the system and service quality by 60% Prior Background includes roles as System Integration & Test Manager Globalstar - Qualcomm System Test Manager (Iridium Project)- Motorola, System Test Lead - AT&T Bell Labs.

Education and Training

Master of Science : Computer Science , 1984 The City College of New York Computer Science

Master of Science : Applied Math and Statistics , 1982 State University of New York - City Applied Math and Statistics

Bachelor of Science : Mathematics , 1979 Aristotelean University of Thessaloniki Mathematics

Skills

Agile, Audio, automate, Broadcast, budget, C, CGI, ClearCase, Hardware, CSS3, debugging, delivery, directing, electronics, energy efficiency, functional, GUI, GSM, HTML, IDE, IE, leadership, Linux, LoadRunner, Logic Analyzer, marketing, merchandising, access, MS Office Applications, Sharepoint, Windows, Motorola, Networks, Operating systems, OSI, Perl, processes, Protocols, Python, Quality, robotics, SDLC, Shell Programming, SNMP, software developers, sound, SQL, system integration, TCP/IP, phone, TV, test tools, UNIX, Video, Web developer, WinRunner, X-Windows