

Objective

Detail oriented, results motivated QA engineer offers strong skills over the full development cycle of firmware, networking, and enterprise business applications. Strengths include planning, set up of document control, creating and executing test plans for mobile, web and database driven web distributed applications. Ability with Automation and metrics tools complements the QA skill set. Personal skills include facility to train, lead bug and project review meetings and work collegially with developers and project managers. Seeking a growth position where I can add quality to challenging processes and new technologies. Enjoy both team and independent work environments.

Summary:

(please note: years are concurrent)

General QA Skill Set / Experience Matrix

o	Administer QA responsibilities collegially with multi-discipline, multi-national teams in US, Asia, & Europe	13 years
o	Technical Writing: Contracts, Engineering Specifications, User Manuals	11 years
o	Error tracking, verification, feature regression, metrics and task assignment.	9 years
o	Smoke, Feature, Regression, Stress, Contention, Ad Hoc, Performance.	9 years
o	Excellent skills in PL/SQL, Excel, Word, PowerPoint, Visio, Lotus Notes.	8 years
o	Create full MS-Access / VBA applications for lab inventory, bug tracking, repair history. Skilled data transfer between Oracle, XML Excel, Word, MS-Access	7 years
o	Develop / Schedule Requirements, Specifications, Test Plans	5 years
o	Document Control: Lotus Notes, HP Quality Center, eRoom	5 years
o	Create & maintain Loadrunner, Perl, Python, and BASH (Unix) scripts	4 years
o	Field support: electro-mechanical, firmware, software for DOE & Japanese clients	
o	Integration & Contention testing PalmOS, WinCE, CDMA handheld devices	4 years
o	Live and Lab testing of CDMA 2G, 2.5 3G, AMPs fallback, GPRS, Middleware, WAP, IOTA, MMS, SMS, SMIL, OMA DRM, IrDA, Brew, Java	4 years
o	Run automated / semi-automated test on Racal, Agilent, Rhode & Schwarz	4 years
o	QA Lead managing Quality Center, Sharepoint, Loadrunner and QTP suites	2 years

Experience

- **FloTV (a Qualcomm Company) - October 2007 to Present –Senior QA Developer**
 - o Design and Execute Test Plans for an ERP Web interface to Oracle driven broadcast management system including
 - Billing & Statements
 - Web interface and form controls
 - Business Intelligence (processing metrics)
 - o Create data test sets, SQL queries, PL/SQL procedures, UNIX scripts, Excel Models, Metrics
 - o HP Quality Center: Create Requirements, Test Plans and Test Labs. Import tests, execute, report.
 - o Create Automated and Manual Smoke and feature tests with QTP, Selenium, Jmeter, BASH
- **Teleca USA, Sr. QE Consultant - March 2007 to August 2007 - QA Engineer**
 - o Test Design and Execution: Smoke, Integration, Full, Regression & Verification
 - o Create manual and automated test media for TMO, Verizon UI, system info, Call Log, Messaging, integrating Macromedia Flash / CS3, ActionScript, DreamWeaver, Word
 - o Prototype documentation, document control, ad hoc and formal UI and code coverage testing;
 - o Bug tracking, regression and verification. Metrics with BullsEye. Miscellaneous server/client configuration.

- **Home Depot Supply - Websphere QA – August 2006 to February 2007 - QA Lead**
 - o QA Management – Initiate end-to-end QA activities for upgrade of hdsupply.com
 - o Create, configure and execute LoadRunner tests (VuGen, Controllers, etc.)
 - o Schedule and execute smoke, regression, full feature and stress tests
 - o Assign bugs per agreed policies; Compile metrics for bug scrub presentations
 - o Introduce development team to Test Director policies. Assign, track & report issues until completion.
 - o Consolidate documentation into Microsoft Visual Source Safe. Export test cases into Test Director.

- **Ocean Systems Engineering Corp – January 2006 to May 2006 - QA Lead, US Navy ATPF**
 - o QA Management - Initiated comprehensive QA campaign from the ground up for 6 developers of Java GUI / JSP / JBOSS UI of Linux controlled interface for cameras and sensors.
 - o Led test team during peak work load of tests (at deadlines, and 48 hour test runs)
 - o Document Control: Create Test Plans, User Manuals, Metrics, pivot table statistics
 - o Manage Bug Tracking Web Portal and link live data to Excel pivot table reports
 - o Create and executed cyclic test schedule. Worked with team for round-the-clock stress tests
 - o Served on delivery team deploying product to Navy SIL Lab, Baltimore, Maryland

- **Symwave – September 2005 to January 2006 - QA Startup Development Contract**
 - o QA Lead: “Biometric” (fingerprint reader) device, firmware, drivers, and software
 - o Create QA cycle of test plans, test suites, and manuals for Product, Engineering and Processes
 - o Program MS-Access system to track bug and ownership, replacing uncontrolled emails
 - o Liaison between sales, customers and US and China development teams.
 - o Create installer. Turn over new system to new QA Lead, interns and project management.

- **Kelly Engineering - 1997 to 2005 – QA Engineer assigned to projects with:**
 - o **Nokia Mobile Phones QA Engineer – 2/03 to 2/04 and 9/04 to 9/05**
 - Write and execute Build Acceptance and Interoperability Tests of data modems, Brew, InfraRed, cables, headsets, Bluetooth, memory cards, Outlook synchronization
 - Live and Lab network testing of carrier response, WAP push, SMS, etc. on 3G, 2G, 1xRTT, EV, IS-95, IS-2000
 - Setup new phones, new builds: Tune, configure PRI/PPL, Browser and BREW configuration. Optimize tune/battery values. Create new PRI files.
 - Create and maintain Perl, Python, VB, VBA, and BASH scripts for automation, data parsing, validation and control of CDMA, CDMA2000 Agilent / HP simulators
 - IOTA Specification and Test development, to delivery to test teams
Served four member development team in Sprint's Acceptance Lab in Kansas
 - Develop OMA DRM (Forward Lock, Combined and Separate Delivery) Test Plan.
 - Create & test XML encrypted media and publish on test server. Test MMS, WAP push of web downloads. Program MS-Access tools for handset flash and NAM history.

 - o **Intel Wireless Lab QA Engineer 9/01 to 6/02**
 - Test of 802.11 driver installation, NDIS5, Proset, miniPCI, and throughput. Web / Help QA.
 - Error tracking, bug scrub “triage” meetings between test & development teams
 - Lab and Ghost inventory management. WHQL, Web and Help documentation and testing
 - Configure APs to test varying frequency overlap, hand off, throughput, firewall functions
 - Create MS-Access Lab Inventory programs for laptops, network appliances, Ghost images
 - Test help files and product download websites in localized browsers and encodings

- o Hewlett-Packard San Diego Software Test Center 6/98 to 6/01
 - Create, edit, and execute Test Scripts, leveraging and annotating for future projects,
 - Localization smoke testing software & firmware on Euro and Asian Windows
 - Full test cycles of I/O, MSI, PnP, Contention, Win9x, NT, ME, XP, MS-Office.
 - Create / Manage inventory of supported “Ghost” images of Operating Systems: NT, Win9x, Win2K, and WinXP. Flash firmware and burn CDs of new builds.
 - Software and Drivers: Photo editing and card readers for Sony, MMC, and others.
 - Special projects: Test and install corporate builds. Katakana LCD testing. Evaluate Rational Visual Test.

- o SDG&E (Tree Mapping project Hardware manager) 8/97 to 6/98
 - Hardware integration and Beta Tester Administrator for six (6) field testers
 - Programmed MS-Access and VB6 Visual Studio for inventory, document control, paging field personnel
 - Data validation before transfer from Beta units to SQL server.

- [Siemens Mobile 2/2004 to 9/2004 - NAFTA QA Engineer](#)
 - o Create, execute test plans, and verify results for MMS, SML, WML, SMS, PoC, GPRS
 - o Programmed utilities to convert German text files to MS-Access and Excel test suites
 - o Track bugs from detection to resolution with ClearQuest (web version).
 - o Report to project manager via MS-Project, MS-Access and regular status reports
 - o Automate tests of SMS for different models using Python and “AT commands”
 - o Run lab test scripts on Rhode & Schwarz equipment including HTC’s WinCE (PDA) phone

- [Kyocera Wireless - 8/2002 to 2/2003 - QA Engineer – accelerated 7135 smart phone project](#)
 - o QA of prototype CDMA / PDA (PalmOS) “live” and on Tektronix and HP tools, Test Expert to:
 - Perform ad hoc, full feature, integration, regression and verification tests. Used results to create formal test specification
 - create and execute formal tests of Palm OS, mobile phone, web browser, 911, SMS, PC installation, and accessories (integration, contention, stress) on 2G, 3G, AMPs
 - o Leverage previous outlines and other model’s documentation to create new product test plans. Test embedded Linux CDMA prototype, “Wildseed”

- [Microserv – 8/1995 to 2/1997 - Field Engineer to US DOE remote super fund site](#)
 - o Field diagnostics, troubleshoot and repair PCs, networks, video, modem, HP devices and other peripheral electromechanical and logic assemblies.
 - o Deploy new operating systems, backup and restore, remove viruses, train clients.

- [ADTECHS/ \(subsidiary of JGC Yokohama\) 11/93 - 5/95 - Technician / Technical Writer](#)
 - o Accounts Payable development and support of reporting solutions for major purchases, labor tracking and AP reports. Replaced multipart dBase application with integrated Paradox solution
 - o Development and support of Engineering, Labor and Accounts Payable reporting for DOE
 - o Programmed Paradox reporting solutions to integrate, simplify and improve existing processes
 - o PC and printer network support for Japanese and English speaking engineers
 - o Technical Writing of Instrumentation Specs, Contract Negotiation Minutes, and Agendas

Education

- Experience greater or equivalent to BS/CS. Continuing Education Goals include BS/CS (2008). Continued independent study of Perl, Python, C++, ActionScript
- A.S. Degree Computer Science (Microprocessors, Calculus, Pascal, Assembly, C, etc.)
- Japanese for Business (University of Washington Extension), 1997
- Society for Software Quality (SSQ San Diego) - seminars on Agile testing

Other Skills, Languages

- Dell certified: desktop and laptops
- Japanese: conversational and reading skills for QA user interfaces, menu, etc.

Security

- Recent secret security clearance for US Navy (2008)
- Security clearance for US D.O.E Hanford Project.
Nuclear training and clearance for BPA's WPPSS Nuclear Power facilities
- U.S. Citizen with passport