

Senior Software QA Engineer offers fourteen+ years expertise in the full Development Lifecycle of Database driven applications. This includes in-depth analysis of APIs, databases, webservices, Linux Environments, and Mobile firmware. I enjoy team and individual work environments with both Manual and Automated projects.

## Skills

- **QA Functions:** Test Plans, Requirements Traceability Matrices, Verify, Deploy in Agile Environment
- **Tracking:** HP Quality Center / ALM, JIRA, SharePoint, Confluence
- **Databases:** Oracle, MS-SQL, MS-Access, SQL, Excel, OBIEE, OLAP
- **Environments:** Linux, MacOS, iOS, Android, VMWare, VPNs
- **Tools:** Toad, SoapUI, jMeter, XMLSpy, Eclipse, Visual Studio,
- **Automation:** HP QuickTestPro/UFT, LoadRunner, Selenium / Java, Sahi
- **Scripting:** Write and Debug BASH, JavaScript, Java, Python, VBA, VBS, MS-Access, RegEx
- **Systems:** Firmware, Hardware, CMS, Drug Formularies, Wireless EKG
- **Full Life Cycle:** V&V, Requirements, Agile-Sprint Dev/Test cycles, Deployment
- **Industries:** OEM, FCC, DOE, DoD. Auto Insurance, FDA, EDI, FDA, HCFA, HIPAA, CMS

## Experience

### QAWeb – Remote Automation Consultant for Informatica MBM/IDD 04/2017 – 06/2017

- Automate Customer component of Informatica’s MBM/IDD ERP solution.
- Enhanced Test plan to automate a Selenium/Java proof of concept, IntelliJ, Eclipse
- Installed candidate versions of front end input validation to target MS-SQL tables...

### Chirotouch - QA Engineer consultant 02/2016 - 12/2016

- Integrate separate Claim, Statement, Payments, EDI modules into cloud Application using:
  - Microsoft SQL - confirm data presentation, audit primary, secondary, tertiary claims
  - JIRA, Confluence - publish Acceptance Criteria, Requirements matrix, Bug fixes
- Cross Platform tests of Win7, Win8, Win10, iOS (iPad) and AWS Web Services.
- Audit Ledger, Statement, and Aging with ad-hoc SQL, Excel, and VBA scripts
- Validate FDA, HIPAA, HCFA, CMS (claims and billing) over VMWare and AWS

### MedImpact Healthcare Systems - QA Software Engineer 11/2013 - 12/2015

- In Agile environment, Plan, Execute, analyze root causes, write bugs, verify fixes
- **VPEX Project:** New Proprietary Virtual Pharmacy: End to End QA, Manual & Automated End to End QA of SaaS Portals: Provider, Patient, Customer Service, EBS, HIPAA Automate from scratch. Maintain Test Suites with Selenium / Java / JUnit, TestNG / VBA
  - **FPA Project:** Formulary Enterprise: SQL to UI testing in Linux, Windows, job scheduling, Validate Documentation, Plan Tests, control HP Quality Center ALM Test Labs
  - **Tools:** JIRA, Confluence, IT PPM (Atlassian), Perforce, Jenkins (Continuous Integration)

### Audatex | AudaExplore - Senior Test Engineer 03/2012 - 11/2013

- QA Design and Test Oracle, OBIEE, OLAP, Web Services. End-to-end: Manual, Automation
- Deploy Legacy and New Products from Staging to Production. Collaborate with offshore team.
- Use Toad, PL/SQL, HP QTP, Excel to Manage Suites with VMWare, Oracle Virtual Box
- Automation with QTP Descriptive Programming
  - Create new OBIEE framework. Refactor / debug / restore broken QTP suites.
- Audit back-end Oracle data, OBIEE reports, PL/SQL in Perforce
- Validate with HP QTP, HTML, CSS, JavaScript, AJAX / JavaScript

**Contract QA Engineer****02/2011 - 03/2012****Client: TeraData**

- Develop Test Scenarios, Plans in Agile. Validate CLI (command line interface) and Web UI
- Script BASH, BTEQ automation of Backup, Archive, Restore services on Linux SUSE
- Prototype with Excel, VBA - Integrate BASH and BTEQ functions
- Track Projects, Manage Tests with JIRA, Glass Factory, Viewpoint

**Client: CardioNet**

- Create, Manage, Update FDA Class 3 Specifications, Protocols and Test for personal Mobile Electrocardiograms to FDA standards.
- Own the QA responsibilities of Sensor/Monitor system including:
  - Create test metrics of embedded firmware, FHSS, CDMA tools
  - End-to-End tests: CDMA WinCE Handset, Database, Web UI

**Qualcomm | FloTV - Senior System Analyst****10/2007 - 02/2011**

- Design and Execute QA for Oracle driven Websites in Agile / Scrum environment
- Analyze, document, configure, test and report in the following areas:
  - Finance Audit tests: Invoices, Vouchers, Oracle, TIBCO, Maximo, Salesforce, Cognos
  - Setup, Manage, Execute: HP Quality Center (ALM), JIRA
  - Automate with Quick Test Pro (QTP), Selenium, Sahi
    - ◇ Billing / Vouchers with Descriptive Programming
    - ◇ Smoke, Deployment and feature tests. Automate SilverLight Load tests
  - Plan Requirements, execute and report with Quality Center
- Tools: VBA, BASH, jMeter, SQL, PL/SQL, SOAP, XML, JavaScript and WSDL validation
  - Business Intelligence: Link and Content quality for 17 websites
  - Program Guide - Test XML Ingest of Vendor Schedule changes with XML / SOAP

**Teleca USA - Senior QE Consultant****03/2007 - 08/2007**

- QA Design and Test Case Execution: Smoke, Integration, Full, Regression & Verification of Flash User Interface on GSM (TMO) and CDMA (VZW) Handsets: Log and verify bugs in Clearcase
- Integrate and automate Call Log, Messaging. GUI tests with Flash / ActionScript
- Verify, configure drivers on Windows, Embedded Linux, ActionScript, Perforce, Citrix

**HDSupply - WebSphere QA Lead****08/2006 - 02/2007**

- QA Lead: manage upgrade of hdsupply.com's SOX policies, Shopping Cart, Inventory interface
- Install and Automate new LoadRunner Tests: execute with multiple vUsers and servers
- Establish Document Control. Publish policies. Assign risk, report, track bugs to completion.
- Excel: randomize accounts, Audit inventory items, monitor Sales Transactions to fulfillment
- Validate Web page, forms and links with CSS, JavaScript, LoadRunner (C)

**OSEC Corp - QA Lead | US Navy ATFP****01/2006 - 05/2006**

- End-to-End QA of JAVA / JSP / JBOSS interface to Linux of shipboard devices
- Document Control: Create Test Plans, User Manuals, Metrics, pivot table statistics
- Manage SharePoint Web Portal linking live data to Excel pivot tables for tracking bugs and tasks
- Create and execute cyclic schedule of Test Cases. Round-the-clock team stress testing.
- Served on delivery team deploying product to Navy SIL Lab, Maryland

**Symwave - QA Lead | Start-up****09/2005 - 01/2006**

- QA Lead: "Biometric" (fingerprint reader) device, GINA, firmware, USB drivers, software
- Create Test Plans, Suites, and Manuals. Debug Test Scripts for Products and Processes
- Liaison between sales, customers and US and China offshore development teams.
- Create installer. Program device performance tests, MS-Access bug / tasking tool
- Turn over new Document Control and QA system to new QA Lead, interns and management.

**Contract QA Engineer - Kelly - Manpower****06/1998 - 09/2005*****Nokia Mobile Phones QA Engineer***

- Handset QA of SMS, PTT, IOTA, GUI, Bluetooth, IrDA, embedded Symbian firmware
- Program MS-Access tools for handset flash and NAM history.
- Led and Create IOTA Specification and Tests. Deliver to and train offshore test teams.
- Served four-member development team in Sprint's Kansas Acceptance Lab
- Develop OMA DRM, MMS, WAP push Test Plans. Deliver to and train test teams.
- Write Perl, Python, BASH scripts for CDMA2000 simulators

**Education & Languages**

- A.S. in Computer Science, Columbia Basin College, Washington, 1993
- Experience greater or equivalent to BS/CS
- Continuing Education:
  - Qualcomm (QTP, OFDMA/OFDM, others); Audatex (Android), Ruby, C#
  - Japanese, Spanish

**Volunteer**

- On-Call CRM Staff Support of MacroMedia, FTP, MySQL, JavaScript, PHP, CSS3, HTML5 for
  - ◇ iroiro123.com
  - ◇ sdjcc.net
  - ◇ excel-on-demand.com
  - ◇ ganbatte.net
- Ham Radio General License, CERT (FEMA) trained

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- Experience greater or equivalent to BS/CS
- Continued Education:
  - Qualcomm (QTP, OFDMA/OFDM, others); Audatex (Android), 2013;
  - Java, Ruby, PHP, C# Visual Studio
  - Japanese, Music, Amateur Radio (in process: Expert Class)

**Security**

Secret security clearance for US Navy (2008)

Security clearance: US D.O.E Hanford Project. Nuclear clearance: WPPSS, and SONGS2&3

U.S. Citizen with passport