

QA Engineer / System Data Analyst offers wide expertise in the full Development Lifecycle of Database driven Software and Firmware, Enterprise Web Services (ERP), Networking, Mobile and End-to-End Manual Testing. I enjoy challenging Team and Individual projects: QA Planning, Manual-to-Automation migration, Maintenance and Business Intelligence. Presently seeking permanent (onsite or remote) opportunities near San Diego, California.

Skills

- **Team Lead QA / BA:** Test Plans, Requirements, Traceability, Regression, Load, Root Cause Analysis
- **Bug and Task Tracking:** HP Quality Center / ALM, JIRA, SharePoint, Confluence, ClearCase
- **Databases:** Oracle, MS-SQL, mySQL, ETLs, OBIEE, OLAP, Business Intelligence, Excel, MS-Access
- **Business Intelligence:** Harvest and create test data for Invoicing, Inventory, Consumer Analytics
- **Environments:** Agile / Scrum: MS-Windows, Apple Linux, MacOS, iOS, Android, VMWare, VPNs, AWS
- **Tools:** Toad, SoapUI (SOAP, ReST), Postman, jMeter, XMLSpy, Eclipse, Visual Studio, MS-SQL Server
- **Automation:** HP QTP / UFT, LoadRunner(C), Selenium, Visual Studio, BASH, Cucumber, Gherkin
- **Industries:** OEM, FCC, DOE, DoD, Insurance, USDA, FDA, (EKG, PBM, CMS, EDI, HCFA, HIPAA)

Experience

Catapult | SAIC | USDA: QA (UI Web App to Soap to database) 11/2019 - 05/29/2020

- End to End integration testing: From Regression of Web UI, to SOAPUI APIs, to MS-SQL server
- Local testing with Eclipse, SVN, Server emulation prior to deployment
- MS-SQL ETLs, Views, packages, table input / output testing
- Explore refactoring of existing frameworks with Java / Gherkin / Cucumber
- Track / Report with SharePoint, Confluence, JIRA, Xray, dashboards, User Stories, git, svn

QAWeb | QA Development & Test Automation | 08/2018 - 11/2019

- Website development, Usability and Load Testing, Smoke, Integration, UAT, LaMP
- Refactor Selenium automation from Windows to Linux with Maven and Gherkin plugins.

Rohde & Schwarz – Contract QA Engineer | 01/2018 – 06/2018

- High level QA Development: Test Plans of CMWrun software with the CMW100 sequencer
- Install, Smoke Test and Feature test CMWRun builds on clients' OEM devices embedded firmware
 - Marvell (MW-302), 802.11a, g, n, b
 - Continental CMCC: CDS-CDMA, LTE, WCDMA, GSM, GNSS/GPS
 - Continental "R.O.W" LTE, WCDMA, GSM, GNSS/GPS
- Customer QA: Collaborate with Account Engineers to confirm Customer issues and verify fixes
- Develop
 - C# program to parse and digest raw 13 Megabyte test reports into shorter CSV summaries
 - Scripts to quickly identify measurement errors in large reports, log and cleanup after test runs
 - Detailed Test Suites using Altova XML Spy to analyze XML (RSTP)
- Analyze and Report
 - Isolate SCPI errors in band, channel, QPST logs, Android Debug Bridge (adb)
 - Publish weekly progress reports, Bug reports, Crash dumps, and work logs

QAWeb - Automation Migration Consultant 04/2017 – 12/2017

- Informatica MBM/IDD (CRM)
 - Automate Customer component of Informatica's MBM/IDD ERP solution with Selenium/Java.
 - Enhance Test plan to automate a Selenium/Java proof of concept with IntelliJ and Eclipse
 - Installed candidate versions of front-end input validation to target MS-SQL tables...
- WordPress (CMS) Web Consultant

- Package and Deploy mySQL WordPress to remote hosts, and deliver mirrored backups

Chirotouch - QA Engineer (Firm relocated to Texas)**02/2016 - 11/2016**

- Integrate Claims, Statements, Payments, EDI modules: Data Transfer to cloud (AWS) using:
 - Microsoft SQL & AWS - Test Databases, ETLs, Model Diagrams, and Relationship maps.
 - JIRA, Zephyr, Confluence - publish Acceptance Criteria, Requirements matrix, Bug fixes
 - CMS / Medicare claims: confirm presentations, audit primary, secondary, tertiary claims
- Agile Sprint: Scrums, Demos, Velocity / Weight Estimates, Task Assignments, Metrics
- Cross Platform tests of Win8, Win10, iOS (iPad) and AWS Web Services in a CI/CD environment.
- Validate FDA, HIPAA, HCFA, CMS (claims and billing) over VMWare

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

- In Agile environment, Plan, Execute Smoke, Regression, Stress tests; verify bug fixes
- **VPEX Project:** New Virtual eCommerce Pharmacy: End to End QA, (Manual & Automated)
 - End to End QA of SaaS Portals: Provider, Patient, Customer Service, EBS, HIPAA
 - Develop and refactor Automation Test Suites with Selenium / Java / junit, VBS
 - End-to-End testing to and from MS-SQL ETLs via middleware to UI Dashboards
 - **FPA Project:** Formulary Enterprise: Oracle PL/ SQL to UI testing, job scheduling,
 - Develop nested Queries to validate business rules, confirm changes to keys and datatypes
 - Validate Documentation, Plan Tests, control HP Quality Center ALM Test Labs
 - **Tools:** JIRA, Confluence, IT PPM (Atlassian), Perforce, Jenkins (Continuous Integration), Git
 - **BASH** (Linux) scripting: with vim: log analysis, verify scheduled runs of Informatica and SQL packages.

Audatex | AudaExplore - Senior Test Engineer (Firm relocated to Texas)**03/2012 - 11/2013**

- QA Design / Test Oracle, OBIEE, OLAP, Web Services. End-to-end: Manual, Automation
- Participate in Sprint, Scrums, Mentoring, Cross training, QA in in a CI environment
 - Deploy New Builds from Staging to Production. Collaborate with offshore team.
 - Manage Suites with VMWare, Oracle Virtual Box, using Toad, PL/SQL, HP QTP, Excel
- Develop Automation frameworks with QTP Descriptive Programming
 - Design new OBIEE framework with QTP. Refactor / restore broken QTP suites.
- Audit back-end Oracle data, OBIEE reports, ETLs, PL/SQL in Perforce. Mine Test Data
- Validate with HP QTP, HTML, CSS, JavaScript, AJAX / JavaScript

Contract QA Engineer**02/2011 - 03/2012*****TeraData*****07/2011 - 03/2012**

Refactoring and Migration of Command Line Utilities into Web Application components

- 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 Linux BASH and BTEQ (SQL) functions
- Track Projects, Manage Smoke, Regression; Stress Tests with JIRA, Glass Factory, Viewpoint

CardioNet**02/2011 - 07/2011**

Wearable EKG (Sprint CDMA Handset)

- 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:
 - Develop test metrics of embedded firmware, FHSS, CDMA tools, End-to-End tests
 - Test Factory jig for flashing embedded EKG WinCE, Database, Web UI

Qualcomm | FloTV - Senior System Analyst (FloTV / MediaFLO) 10/2007 - 02/2011

- Analyze, document, configure, test and report in an Agile / Scrum environment:
 - Audit Finance: Invoices, Vouchers, Oracle, TIBCO, Maximo, Salesforce (CRM), Cognos
 - 'Gray box' debugging of PL/SQL packages and ETLs
 - Develop Automation Frameworks with Quick Test Pro (QTP), Selenium, Sahi
 - ◇ Billing / Vouchers with Descriptive Programming
 - ◇ QTP / Selenium Design: Smoke, Deployment and feature tests.
 - ◇ Design hybrid Automated SilverLight Load and Stress tests to supplement Loadrunner.
 - Develop Test Plans and Requirements: execute and report with Quality Center
 - Setup, Manage, Execute: HP Quality Center (ALM), JIRA in Agile Environment
- Tools: VBA, Linux BASH, jMeter, SQL, PL/SQL, SOAP, XML, JavaScript and WSDL validation
 - Business Intelligence: Link and Content quality of a 17 department eCommerce site
 - Linux Command Line, Splunk, SFTP, Informatica, Toad
 - 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
- Onsite at Adobe/Multimedia: Test with Embedded Linux, Perforce, Citrix. Report with Sharepoint.

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

- QA Lead: manage upgrade of hdsupply.com's SOX policies, Shopping Cart, Inventory eCommerce
- Develop new LoadRunner(C) Automation Suites: execute with multiple vUsers and servers
- Establish Document Control. Publish policies. Assign risk, report, track bugs to completion.
- Create and Randomize test data, Audit inventory, track Sales Transactions to delivery, billing.
- Validate Web page forms and links with CSS, JavaScript, LoadRunner(C).

OSEC Corp (Ocean Systems Engineering) - QA Lead | US Navy ATFP 01/2006 - 05/2006

- End-to-End QA of JBOSS to Linux driven shipboard alarm system's electromechanical devices
- Document Control: Develop 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 cycle of Test Cases. Round-the-clock team stress testing
- Company sold to [Qinetiq](#) and relocated.

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.
- Developed: Installer, MS-Access bug / tasking tool and Scripts for device performance
- Turn over new Document Control and QA system to new QA Lead, interns and management.

Contract QA Engineer - Kelly - Manpower - San Diego 06/1998 - 09/2005

Nokia Mobile Phones QA Engineer - San Diego – CDMA handsets, firmware, emulators

- QA of SMS, IOTA, GUI, Bluetooth, embedded Symbian / J2ME firmware, and firmware Emulators
- Led and Create IOTA Specification, Manual and Scripted Tests.
- Delivered to and trained offshore test teams.
- Developed Test Plans for OTAPI, OMA DRM, MMS. Scripted Perl, Python tests, crash parsers, etc.

Contract QA Engineer - Kelly - Manpower - San Diego (continued from above) **06/1998 - 09/2005**

Kyocera Wireless – Siemens - Smart Phone Projects - San Diego

- QA CDMA / PalmOS GUI handsets with Tektronix, HP tools and Test Expert to:
 - Write QA Specifications, Test Plans and Suites of Test Cases
 - Flash PRI and operating system files to firmware. Confirm IOTA, OTAPI transfers
 - Perform ad hoc, full feature, integration, regression and verification tests.
 - Test handsets, browser, 911, SMS, PC sync, integration, contention on 2G, 3G, AMPs
- Test embedded Linux Firmware and GUI on CDMA prototype.

Intel Wireless Lab | *WiFi b, g, a PCMCIA, NDIS5,* **09/2001 - 06/2002**

- Firmware
 - Test embedded Access point UI and configuration integrity
 - PCMCIA firmware flashing and updates
- Networking
 - WHQL, Ethereal (now WireShark), NDIS5, Setup, configuration, channel selection, recovery,
 - Access Points: frequency overlap, hand off, throughput, firewall functions
- Web, UI, Help
 - Validate help files, firmware downloads, localized browsers and encodings
- QA Planning & reporting
 - Error tracking, bug scrub “triage” meetings between test & development teams
 - Inventory Control: Create MS-Access application to manage Lab Inventory of laptops, network appliances, Ghost images

Education & Languages

- A.S. in Computer Science, Columbia Basin College, Washington, 1993
- Combination of experience and education greater or equivalent to BS/CS
- Continuing Education:
 - Qualcomm (QTP, OFDMA/OFDM): 2011
 - Ham Radio General License: 2016
 - ServiceNow Open Development: 2019
- Conversational Japanese

Security / Work Authorization

- Security clearances:
 - Active US Public Trust clearance
 - US D.O.E Hanford Project. Nuclear Safety clearance: WPPSS, and SONGS2&3 (Inactive)
 - US D.O.D. Secret Clearance - Ocean Systems ATFP (2008) (Inactive)
- U.S. Citizen with passport