

System BA/QA Analyst offers twelve+ years expertise in the full Development Lifecycle of Database driven Enterprise Resource Planning (ERP) applications. This includes the focused analysis of APIs, databases, webservices, and Mobile firmware. I enjoy manual and automated QA with recent success in:

- Financial and FDA Enterprise QA: Plan, Test, Execute, Automate
- Collaborate with stakeholders: Agree on V&V, Test Strategies, Plans
- Debugging, Root Cause Analysis, Test Automating for best Coverage

Skills

- **QA Functions:** Establish Requirements: Cross Reference, Verify, Deliver
- **Tracking:** HP Quality Center / ALM, JIRA, SharePoint, Confluence
- **Full Life Cycle:** V&V, Requirements, Sprint Dev/Test cycles, Deployment
- **SDLC Models:** Agile, Spiral, Waterfall, Hybrid
- **Databases:** Oracle, MS-SQL, MS-Access, Excel, OBIEE, OLAP
- **Systems:** Firmware, Hardware, CMS, Drug Formularies, Wireless EKG
- **Industries:** OEM, FDA, FCC, DOE, DoD
- **Business:** Auto Insurance, FDA, EDI, FDA, HCFA, HIPAA, CMS
- **Environments:** Linux, MacOS, iOS, Android, WindowsCE, Symbian, VMWare, VPNs
- **Tools:** Toad, SoapUI, jMeter, XMLSpy, Eclipse, Visual Studio, Informatica MBM/IDD, IntelliJ
- **Automation:** HP QTP (Quick Test Pro) / (UFT), LoadRunner, VBS, Selenium / Java, TestNG, Sahi
- **Scripting:** Write and Debug SQL, BASH, JavaScript, Java, Python, VBA, VBS, MS-Access, RegEx

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Experience Progression

- ▲ FDA: CMS, HCFA, EDI
- ▲ ERP: Claims, Billing
- ▲ WEB SERVICES
- ▲ DATABASE, Oracle, MS
- ▲ FIRMWARE, mobile
- ▲ HARDWARE

Experience

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

- Research options for automating Customer component of Informatica's MBM/IDD ERP solution.
- Enhanced manual 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 a 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 plus maintain existing Suites with Selenium / Java / jUnit, TestNG / VBA
 - **FPA Project:** Formulary Enterprise: SQL to UI testing in Linux, Windows, UC4 job scheduling,
 - Validate Documentation, Plan Tests, control HP Quality Center ALM Test Labs
 - **Tools:** JIRA, Confluence, IT PPM (Atlassian). IBM BPM, Perforce, Jenkins

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

- QA Design and Test Oracle, OBIEE, OLAP, Web Services
- End-to-end: Manual, Automation with Toad, PL/SQL, HP QTP, Excel
- Deploy Legacy and New Products from Staging to Production
- Manage Suites with VMWare, Microsoft Remote, Oracle Virtual Box
- Automation with Descriptive Programming
 - Automate new OBIEE framework with QTP.
 - Refactor / debug / restore broken QTP automation suite.
 - Link HP's Quick Test Pro (QTP) to Quality Center (ALM) for scheduling nightly test runs
- Audit consistency of back-end Oracle data, OBIEE reports, PL/SQL in Perforce
- Validate results with HP QTP, HTML, CSS, JavaScript and 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
 - Verify data "round trip" to and from CDMA WinCE Handset, Database and the Web UI
 - Monitor data flow from Device via GUI, to Middleware to databases servers to end-users.

Summary

- ▲ Short Contracts
- ▲ Requirements Analysis
- ▲ UI-to-Database Tests
- ▲ First FDA project
- ▲ BASH, BTEQ, SQL

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

- Design and Execute QA for Oracle driven Intranet / Extranet Websites with DEV and BA teams in Agile / Scrum environment
- Analyze, document, configure, test and report in the following areas:
 - Finance Audit tests: Invoices, Vouchers, Supply Chain to Oracle, TIBCO, IBM Maximo, Salesforce, Cognos
 - Setup, Manage, Execute: HP Quality Center (ALM), JIRA,
 - Validate Requirements, create test strategies, Test Plans, Test Labs, Test Cases, SQL queries, PL/SQL ETLs, UNIX, Embedded Linux, Excel, Metrics, JavaScript
 - Automate with Quick Test Pro (QTP), Selenium, Sahi
 - ◇ Billing / Vouchers with Descriptive Programming
 - ◇ Smoke, Deployment and feature tests
 - ◇ Automate SilverLight load test for the LoadRunner team
 - Plan strategy, Requirements, execute tests, and manage Quality Center (ALM) reports
- Tools: VBA, BASH, jMeter, SQL, PL/SQL, SOAP, XML, JavaScript and WSDL validation
 - Oracle to Internet - PL/SQL - Audit Record Flow integrity in Linux, Oracle, Web UI
 - Business Intelligence: Link and Content quality for 17 department websites
 - Program Guide - Test XML Ingest of Vendor Schedule changes with XML / SOAP

Summary

- ▲ Permanent Position
- ▲ Device Firmware
- ▲ Oracle ERP, PL/SQL
- ▲ Billing: A/R, A/P
- ▲ Web ERP, Reports
- ▲ Automate, Deploy with: QTP, Selenium, jMeter

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 cameras and sensors.
- Establish 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, and software
- Create Test Plans, Suites, and Manuals. Debug Test Scripts for Products and Processes
- Liaison between sales, customers and US and China 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.

Kelly Engineer | Manpower - Contract QA Engineer**06/1998 - 09/2005*****Nokia Mobile Phones QA Engineer (2nd of 2 contracts)***

- Handset QA of SMS, PTT, IOTA, GUI, Bluetooth, IrDA, embedded Symbian firmware
- Assist in conversion to Mercury Test Director (later HP's Quality Center - ALM)
- Convert Perl Script for handset crash dump from Perl to Python, TCL / Tk
- Program MS-Access tools for handset flash and NAM history.

Siemens Mobile

- Create, execute tests, verify: UI, MMS, WML, SMS, PoC, PTT, GPRS firmware
- Test Push to Talk (PTT/PoC)*, Debugging, NAFTA GUI compliance *(Push to Talk over Cellular)
- Run and Maintain Automated tests of handset modem drivers using Python and "AT commands"
- Programmed utilities to convert German text files to MS-Access and Excel

Nokia Mobile Phones (1st of 2 contracts)

- Lead and Create IOTA Specification and Tests and deliver them to 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 and execute Build Acceptance and Interoperability Tests of handset firmware and components: GUI, modems, BREW, USB, Bluetooth, embedded Symbian and J2ME
- Modify Perl, Python, VB and BASH scripts on CDMA2000 Agilent / HP simulators

Kyocera Wireless - Smart Phone Project

- QA CDMA / PalmOS GUI handsets with Tektronix, HP tools and Test Expert to:
 - Perform ad hoc, full feature, integration, regression and verification tests.
 - Used results to create formal test specification of scenario, test cases,
 - 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 QA, Engineer

- Test of 802.11 driver, NDIS5, Proset, miniPCI, firmware, Web / Help QA.
- Error tracking, bug scrub “triage” meetings between test & development teams
- Lab & Ghost inventory management, WHQL, Ethereal (now WireShark), Help Tests
- Configure APs to test frequency overlap, hand off, throughput, firewall functions
- Create MS-Access Lab Inventory for laptops, network appliances, Ghost images
- Test help files and downloads from support website in localized browsers and encodings

Hewlett-Packard San Diego Software Test Center, QA Tester

- Create, edit, and execute Test Cases. Write and manage bugs in Lotus Notes
- Test Acceptance/Smoke, Localization and Fax/File/Photo Manager on Euro and Asian Windows
- Full test cycles of I/O, MSI, PnP, Firmware, Contention
- Program “Ghost” image library of WinNT, Win9x, WinME, Win2K, WinXP with MS-Access VBA
- Software and Drivers: Photo editing and card readers for Sony, MMC, and others.
- Special projects: Resource plans, Beta trainer, Test / install corporate builds. Katakana LCD testing.

Volunteer

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

Education & Languages

- A.S. in Computer Science, Columbia Basin College, Washington, 1993
- 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

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