

System Analyst offers ten years of excellence in Requirements, Test Plans, Automation, and Localization over the full Life Cycle of Client, Server, Database and Web applications.

Skill Set:

General QA Skill Set

- **QA Functions:** Quality Center and JIRA Test Strategies, Automation, Regression, Execution
- **Applications:** Web, Database, JIRA, ClearQuest, Quick Test Pro, Selenium, jMeter, Toad, SQL
- **Systems:** Linux, iMac, Microsoft, iOS4, Unix, PalmOS (BASH, Perl, Python, PHP)
- **Teamwork:** Work collegially with development teams, mentor and cross train test teams
- **Metrics:** Collect data and present with Excel, PivotTables, PowerPoint, SharePoint, Access
- **Full Life Cycle:** V&V, Document Control, Requirements, Configuration, Execution, Maintenance
- **QA Models:** Agile, Iterative, Spiral, Waterfall in FDA, FCC, Industry and Military environments
- **Scripting:** BASH, JavaScript, Perl, Python, PHP, VBA, VBScript, Visual Basic
- **Automation:** LoadRunner, QuickTestPro with Descriptive Programming, Selenium, Sahi, jMeter

History

- **TeraData – October 2011 to Present 2011 – Technician II, Agile QA Development**
 - Develop Test Scenarios, Plans in Agile environment
 - Test and BASH automation of Backup, Archive, Restore services
 - Prototyping with Excel, VBA, Perl All-Pair
 - Integrate BASH and BTEQ functions
 - Project Tracking and Test Management with JIRA, Glass Factory, Viewpoint
- **CardioNet – February 2011 to July 2011 – Senior QA Technician in FDA environment**
 - In FDA Class 3 environment, Create, Manage, Update Document Specifications, Protocols and Test Results for personal Mobile Electrocardiogram devices to FDA standards.
 - QA of Sensor/Monitor system includes
 - Execute and report test cases for firmware, **FHSS, CDMA**, software tools
 - Verify data from **Bluetooth** to **CDMA WinCE** Handset to Database's Web UI
 - Test data flow from Device via **WinCE GUI**, to Middleware to databases serving production, business and end-users. Evaluate logs, confirm end to end transactions
- **FloTV (a Qualcomm Company) - Oct 2007 to Feb 2011 – Senior System Analyst**
 Design and Execute Test Plans for Oracle driven Intranet / Extranet Websites.
 Analyze, document, configure, test and report in the following areas:
 - General QA
 - Test Setup and Management: HP Quality Center, JIRA, Salesforce
 - Validate Requirements, create test strategies, Test Plans, Test Labs, Test Cases, SQL queries, PL/SQL ETLs, UNIX scripts, Excel sample data, Metrics, JavaScript
 - Automation – Link HP's Quick Test Pro (**QTP**) with Descriptive Programming,
 - Automate Smoke, Deployment and feature tests with QTP, Selenium, Sahi
 - Confer with LoadRunner team to automate SilverLight solution
 - Confer with development, management and QA teams in Agile / Scrum environment. Plan strategy, identify Requirements, execute tests, and report within Quality Center
 - Tools: VBA, BASH, jMeter, SQL, PL/SQL, SOAP, XML payloads, and WSDL validation
 - Oracle to Internet - PL/SQL - Verify Transaction Flow in Linux, Oracle, Web front end
 - Finance - Invoices, Vouchers, D2C Supply Chain Interface to Oracle Financial -> TIBCO
 - ETL Whitebox testing with Toad. Informatica execution of scheduled ETL sequences.
 - Intranet / Extranet Website tests with XML / SOAP validation
 - Program Guide - Automated XML Ingest of Vendor Schedule changes
 - Link and Content quality for 17 department website
 - Salesforce Call Severity Site Map interoperability
 - BING Coverage Map validation and reporting

Contract : Startup and Short Term Projects

- **Teleca USA, Sr. QE Consultant - March 2007 to August 2007 - QA Engineer**
 - QA Design and Test Case Execution: Smoke, Integration, Full, Regression & Verification of Flash User Interface on GSM (TMO) and CDMA (VZW) Handsets
 - Integrate and **automate** Call Log, Messaging. **GUI tests** with Flash / ActionScript
 - Verify and configure firmware and drivers on Windows, Linux, Perforce, Citrix

- **HDSupply – Websphere QA – August 2006 to February 2007 - QA Lead**
 - QA Management – Initiate QA for upgrade of hdsupply.com’s ERP components: Order Management, Account Management, Inventory interface
 - Quality Center - publish policies: Assign, track & report issues until completion.
 - Excel: randomize accounts, inventory items and track to fulfillment

- **Ocean Systems Engineering Corp - QA Lead, US Navy ATFP Jan 2006 to May 2006**
 - Test Java **GUI** / JSP / JBOSS interface to Linux interface for cameras and sensors.
 - Document Control: Create Test Plans, User Manuals, Metrics, pivot table statistics
 - Admin Sharepoint Web Portal linking live data to Excel pivot tables for bug tracking
 - Create and executed cyclic schedule of Test Cases. Round-the-clock team stress testing
 - Served on delivery team deploying product to Navy SIL Lab, Baltimore, Maryland

- **Symwave - QA Startup Development Contract Sept 2005 to Jan 2006**
 - QA Lead: “Biometric” (fingerprint reader) device, firmware, USB drivers, and software
 - Create Plans, Suites, and manuals for Product, Engineering and Processes
 - Program MS-Access system to track bug ownership, replacing uncontrolled emails
 - Liaison between sales, customers and US and China development teams.
 - Create installer. Turn over new system to new QA Lead, interns and management.

- **Kelly Engineering – QA Engineer assigned to:**
 - Nokia Mobile Phones QA Engineer – *9/04 to 9/05*
 - Handset QA of SMS, PTT, Call Waiting, IOTA, GUI, Browser, Bluetooth, IrDa
 - Assist in conversion to Mercury Test Director (later HP’s Quality Center)
 - Convert Perl Script for handset crash dump from Perl to Python, Tk/TCL
 - Document, peer review and track documents with eRoom, DOORS, Lotus Notes
 - Program MS-Access tools for handset flash and NAM history.

- **Siemens Mobile - NAFTA QA Engineer 2/04 to 9/04**
 - Create, execute tests, verify results on **UI**: MMS, SML, WML, SMS, PoC, PTT, GPRS
 - Test Push to Talk (PTT/PoC) on OEM and Competitive devices,
 - Test NAFTA compliance of **GUI**, menus and messages
 - Automate test cases of SMS for modem drivers using **Python** and “AT commands”
 - Run SMS scripts on Rhode & Schwarz equipment including HTC’s **WinCE** model
 - Programmed utilities to convert German text files to MS-Access and Excel test suites
 - Track bugs from detection to resolution with ClearQuest (web version).
 - Report to project manager via MS-Project, MS-Access and regular status reports

- **Kelly Engineering - QA Engineer assigned to:**
 - Nokia Mobile Phones - QA Engineer - *2/03 to 2/04*
 - Write and execute Build Acceptance and Interoperability Tests of handset components, including **GUI**, data modems, **BREW**, USB, headsets, **Bluetooth**
 - Modify **Perl**, **Python**, VB and BASH scripts on **CDMA2000** Agilent / HP simulators
 - Create **IOTA** Specification and Tests and delivery 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.

- **Kyocera Wireless - QA Engineer – accelerated Smart Phone project - *8/02 to 2/03***
 - 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,
 - Create and execute formal tests of GUI and accessories: Palm OS, mobile phone, browser, **911**, **SMS**, PC sync, headsets, IrDA (install, integration, contention, stress) on **2G**, **3G**, **AMPs**
 - Leverage previous outlines and other model's documentation to create new product test plans. Test embedded Linux **GUI** on CDMA prototype.

- **Kelly Engineering - 1997 to 2005 – QA Engineer assigned to :**
 - Intel Wireless Lab QA Engineer *9/01 to 6/02*
 - Test of 802.11 driver, NDIS5, Proset, miniPCI, and throughput. 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 download websites in localized browsers and encodings

 - Hewlett-Packard San Diego Software Test Center *6/98 to 6/01*
 - Create, edit, and execute Test Cases: leverage and annotate for future projects,
 - Localization smoke test software & firmware drivers 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.
 - Lotus Notes: Report and track bugs, Develop macros, searches and reports

Education

- A.S. Degree Computer Science (Microprocessors, Calculus, Pascal, Assembly, **C**, etc.)
Columbia Basin College, Washington
- Experience greater or equivalent to BS/CS. Independent study of Perl, Python, C++, QTP, Selenium and other automation.
- Japanese for Business (University of Washington Extension), 1997
- Society for Software Quality (SSQ San Diego) - seminars on Agile testing

Security

- Recent secret security clearance for US Navy (2008)
- Security clearance for US D.O.E Hanford Project. Nuclear clearance and service to WPPSS

- U.S. Citizen with passport