

DIPAK ARYAL

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Excel as a Software Quality Assurance Engineer at a vibrant organization where I can use my skills and experiences to achieve extraordinary level of software quality that consistently exceeds expectations.

Summary of Qualification

Talented Software Quality Assurance professional with strong record of delivering high quality software products through innovative approach in testing processes, tools and techniques. Experienced in the entire phase of Quality Assurance Life Cycle (QALC) and Software Development Life Cycle (SDLC) of client/server and web based applications. Proven ability to rapidly learn Application Under Test (AUT) and effectively analyze, architect and coordinate execution of test plans and strategies. Consistently recognized by senior management as a fast learner, reliable, trustworthy, self-directed and adaptable person who has passion for excellence and understands the end-user perspective & the need to liaise with stakeholders.

- ♣ Commonsense/intuitive approach ; strong , natural focus on customer satisfaction and continuous quality improvement
- ♣ Strong ability to multi-task and prioritize; strong critical thinking skills
- ♣ Superior communication skills with customers and team members of all socio-cultural backgrounds; extensive experience working with diverse populations
- ♣ Level-headed and equally productive under deadline pressures; ability to clarify expectations and needs efficiently
- ♣ Talented problem solver; ability to quickly assess a situation & generate potential solutions
- ♣ Well-organized and efficient, positive attitude ; ability to work in a fast-paced, technically diverse environment
- ♣ Proactive and energetic ; strong time management skills
- ♣ Open-minded and willingness to learn; results-focused/customer-centered outlook

Areas of Expertise

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|-----------------------------------|--|
| ✓ Test Strategies/ Plan/ Scenario | ✓ Software analysis/Testing Techniques |
| ✓ Manual /Automated Testing | ✓ Defect management/Reporting |
| ✓ Functional Testing | ✓ Positive/Negative Testing |
| ✓ Black Box Testing | ✓ Database Testing |
| ✓ Performance/Load/Stress Testing | ✓ Exploratory Testing |
| ✓ Modular/Integration Testing | ✓ User Acceptance Testing(UAT) |

Technical Skills

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|--------------------------|---|
| ◆ Platforms | Windows, Unix , Linux |
| ◆ Languages | Ruby, Java, BatchScript, PowerShell, JavaScript, SQL, HTML, XML, CSS |
| ◆ Architecture | Client/Server, Web |
| ◆ Methodologies | Agile, Scrum, V-Model, RUP ,Waterfall |
| ◆ Tools and Technologies | Selenium WebDriver, Jenkins, Maven, Gradle, Curl, Cloud, Rubymine, IntelliJ, Eclipse, RallyDev, Docker Containers, ALM, UFT |

◆ Database/Tools	MS SQL Server, Oracle, My SQL-Server, Toad, Oracle SQL Developer
◆ Version Control	Git, SVN
◆ Content Management	SharePoint
◆ Other Software	MS Word, MS Power Point, MS Project, Excel Snag It, Snipping tool

Professional Experience

04/2016-Current

UnitedHealth Group (Integrated Claims Processing/Coding Solutions) West Valley City, UT QA Automation Engineer

UnitedHealth Group is a highly diversified health and well-being company headquartered in the United States, offering an unmatched combination of health care benefits and services domestically and worldwide. As part of the strategy to advance the entire revenue cycle by aligning payers, providers and consumers, coding solutions offers a suite of 18 applications to end users (hospitals, physicians, pharmacies, insurance companies and such) to help them code better (ICD-10-CM, ICD-10-PCS, CPT, HCPCS, I9V1, I9V3) so that they can get paid quickly and without any problems. Integrated Claims Processing, on the other hand, accepts claims from different software that interface with Claims Manager and Claims Editing System in various formats (XML, X12, FACETS, IMF) over various protocols (TCP/IP, XMP, REST) and providing real-time editing using Data Driven Rules (DDR) to both payers and providers.

Roles and Responsibilities:

- Analyze requirements, test feature/functionalities and write automation to provide coverage
- Design test cases and write regression/smokes automation as appropriate
- Worked in a high performing, highly agile DevOps team.
- Maintain and enhance automation framework
- Run automation suites using Jenkins, analyze failures if any and update automation scripts when necessary.
- Provide oversight to offshore team with code reviews, data analysis, requirement analysis and expected behavior of the developed features/functionalities
- Provide production support, regression support, release support
- Key member of content release team responsible for bi-monthly data releases
- Run data extracts procedures in oracle using SQL* loader and pl/SQL scripts
- Create defects in Rally, assigned to respective developer and followed through until resolution.
- Work closely with Developers, DBAs, Business and scrum master to make sure deliverables are completed within sprint.
- Train team members
- Wrote complex SQL queries to retrieve data from oracle database to compare against the data displayed in UI.
- Performed data integrity test.

Environment: Java, oracle, Jenkins, GitHub, SVN, SQL, ruby, Ruby gems, html, xml, JSON, JavaScript, selenium webDriver, watir-webDriver, sauce labs, cloud, openShift, Docker, flyway, XL Deploy, Rallydev, MS-Azure

Reliant Energy
Houston, TX
Quality Assurance Analyst

Reliant NRG Energy power plants provide more than 25,000 megawatts of generation capacity, enough to supply more than 20 million homes. An e-Sense application was developed for handling the user interface component of the entire system. It consists of modules like Account Maintenance, Home Energy Monitor, Billing and Summery, which refers to a group of functions used for monitoring usage, adding and updating account level information. Project was basically centered on e-sense feature of comparison of an average of more than 20 similar homes based on type of home (single family or multi-family) location, age of home, size of home and type of heating source.

Roles and Responsibilities:

- Develop the System Test Plans, Test Scripts and Test Cases using Software specifications document on Reliant e-sense smart energy system.
- In the Process of Developing System Test Plans, analyze the product requirement documents and detailed design, functional specification documents.
- Automate Functional and Regression Testing using Selenium.
- Use XPath and DOM to handle dynamic Objects in Selenium.
- Interact daily with cross-functional team members: Agile Product Owners, Scrum Masters, Stakeholders, Developers, DBAs and End Users.
- Handle the responsibilities of assisting CRM business analyst for developing and implementing business management strategies.
- Execute the UNIX shell scripts that invoked SQL loader to load data into tables.
- Generate Reports in Front end and validated Reports in Backend to ensure data integrity and validate Business rules.
- Create and Use Data Definition Language (DDL), Data Manipulation Language (DML), and Data Control Language (DCL), Transaction Control Language (TCL) for Testing.
- Develop the database test bed and simulate real time user environment and test database performance
- Test mobile application; adjust setting for best performance of mobile application.
- Perform testing on web services using SOAPUI 2.0 & 2.5.
- Team coordination and provide oversight on testing activities which also included offshore team.
- Worked as QC admin to create a new project, upgrade project database and Test user privileges for this project.
- Responsible for Conducting the Load, Stress and Performance testing using Load Runner and developed Vugen test scripts and scenarios.
- Other duties included, training QA members, assisting documentation team to analyzing functionality of the system, coordinating efforts with the development team and reporting status to QA Project managers.
- Demonstrate the finished product to end users, agile delivery teams and other stakeholders
- Involve in Production Support.

Environment: JAVA, UNIX, Oracle11g, J2EE, ALM, JavaScript, Window XP, SoapUI 4.0, PL/SQL, SQL Server, HP Load Runner, Management Studio, Selenium IDE, Quality Center (QC) 9.0.1, Toad 9.5.

Toys R US, Inc. is the world's leading dedicated toy and juvenile products retailer, offering a differentiated shopping experience through its family of brands. With its strong portfolio of e-commerce sites Toys"R"Us, Inc. provides shoppers with a broad online selection of distinctive toys and baby products.

Roles and Responsibilities:

- Developed and Documented Test scenarios and Test cases in accordance with the Business Requirements Documents.
- Used to develop test cases and executed them in test lab.
- Tested implementation of Mobile web on smart phones that include iPhone 3GS, 4 and Android 2.2.1 and above and BlackBerry 5.0.
- This includes complete application testing with business logic as of Normal website but has different Product Data Feed and Node structure.
- Individually Tested web services using SOAP that were built by Toys R US Team which integrates with vendor application after Customer Adds item to cart.
- Validated data on Mobile web with stable eCom environment
- Found and Reported critical defects that are Phone specific.
- As this is vendor application, Co-ordinated with vendor Team on daily basis to update defects and to get report on released Build.
- Tested New Features and their impact on existing functionality before each release.
- Involved in Requirement Assessments to see if new requirements impacted existing business functionality
- Ensured that appropriate parties review and sign-off on test cases prior to test execution
- Involved in functional, Integration and Regression testing after release of each sprint.
- Performed test on the application in different scenarios after release of each sprint.
- Involved in End-to-End test of whole application.
- Checked the data flow through the front end to backend and used SQL queries, to extract the data from database.
- Performed Regression testing on Production environment before Mobile website is Redirected.
- Involved in Testing of client and Server validations.
- Worked Closely with Production data and Created few real orders with complete real data, which were later, cancelled at Enterprise level.
- Developed test cases for Black box testing like GUI, Functionality Testing, System Testing and User Acceptance Testing.
- Performed Negative testing to find how the functions and variables perform when they encounter invalid and unexpected values.
- Worked with XMLs to perform various types of SOA web services testing and used XML Spy to create and update XML files.
- Participated in Walk through and Defect report meetings periodically.
- Analyzed Results with Business Analysts.
- Involved in the User Acceptance testing (UAT) to check the reliability for end users.

Environment: Quality Center, QTP, Unix, VBScript, HTML, C++, XML Spy, SOAP UI
Share point server 2003, JavaScript, Blackberry curve, iPhone 3G & 4, HTC inspire 4G, SQL,
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Raymond James
Tampa, FL
Quality Assurance Analyst

Raymond James acquired another retail brokerage, Morgan Keegan which required heavy conversion efforts to move the accounts and data to the Raymond James platform. Testing team was involved in executing heuristic risk based End-to-End testing for the Application impacted by the retail conversion in the pre-pod conversion environment to Ensure a robust conversion production platform.

Roles and Responsibilities:

- Creating detail Test plan for different applications with various scenarios.
- Involved in editing test case as per business requirement
- Updating and writing new test cases based on the existing BPT scripts
- Worked as a lead in my team, duties included, explaining the details of the knowledge transfer to the other team members, sending the status report to the managers, communicating with the developers, liaison between manual and automation team, writing test plan for the project.
- Participated in Sprint Planning and Design and Daily standup meeting
- Supporting ongoing multiple projects
- Executed automated test cases as per the need to generate account number and for regression testing.
- Creating new user accounts and testing those accounts by doing trading activities
- Tracked and reported defects through Quality Center which facilitates workflow issues and helped Resolve technical issues with developers
- Performed testing on web services using SOAP UI 2.0
- Involved in Development of Test Summary
- Used traceability matrix to reflect test coverage
- Performed data validation and backend testing with extensive use of SQL Queries
- Attend weekly defect meeting
- Involved in reviewing and analyzing functional and non-functional software requirements
- Logging and monitoring defects by using QC
- Used VB script to import excel sheet to data table in QTP
- Read and understand the functional specifications for the project
- Developed SQL Queries to query the database to test the backend process of the application
- Retesting the application when needed
- Extensively executed SQL on DB tables to gather test data for all test cases and to determine Successful transaction of data from the application
- Involved in reviewing and sign-off of the Test Plan and Test Cases.

Environment: J2EE, Java Servlet, Quick Test Professional, Java Applets, Oracle 8i, Windows 2000, Windows NT

Education

University of Houston-Downtown, Houston, Bachelor of Science