**Venkat Kishore G**

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# SUMMARY:

* Over 12 plus years of diversified experience in in all phases and stages of software testing life cycle and **software development life cycle (SDLC)** with good working knowledge of testing methodologies, disciplines, tasks, resources and scheduling.
* Have excellent hands-on knowledge on energy applications and data ware housing applications.
* **Expert in writing SQL queries and has expertise in test case design, test tool usage, test execution, and defect management.**
* Experience with Requirement Documents, Test Strategy, **creating Test Plans**, **writing, and executing Test Cases, Manual Testing**
* Experience in data analysis, data validation, data cleansing, data verification and identifying data mismatch.
* **Experience with Scrum/Agile software methodologies.**
* Experience in **Black Box testing**, **Functional Testing**, **System testing**, **Integration testing**, **Regression testing**, **Data Driven testing**, **Back End** and **Frontend testing** and **User Acceptance testing**.
* Experience in applying **Testing Methodologies**, creating **Test Plans**, Executing Test Scripts, **Defect Tracking** and **Report Generation**.
* Extensive experience in designing **Test Cases, Test Scenarios** of manual tests.
* Experience in **Web-Services** / **API (Swagger)** Testing and Database Testing.
* Ability to quickly adapt to different project environments, work in teams and accomplish difficult tasks independently within timeframe.
* **Hands on Experience working on Database Migration/conversion projects.**
* **Have Experience in automating the Web Applications using Test Complete Automation Tool.**
* **Strong understanding of Selenium Automation with TestNG Framework.**
* **Experience in building the Automation framework for testing the Web Applications.**
* **Expertise in building the automated scripts to validate the UI Field values against database.**
* Expertise in testing the complex business rules by creating mapping and various transformations
* **Experience in testing XML/CSV files and validating the data loaded to staging and target tables.**
* Experience in testing and writing SQL and PL/SQL statements.
* Have good knowledge in Functional testing, Regression testing, Compatibility testing, Upgrade testing.
* **Able to integrate the both UI and API automation scripts with CI/CD tool like GOCD and scheduled in the morning hours of a day.**
* Communicates the project status to all the stake holders with explicit clarity and high degree of details in Status Reports, Conference Calls.
* **Experience working with JMeter tool to check the performance of Application.**
* Coordinating with developers for quick devolvement of product functionality issues.
* Good mentoring skills in training/guiding the junior team members.
* **Experience in automating the APIs using Postman tool.**
* **Experience running the postman scripts in CLI using Newman .**
* **Experience writing the Selenium Automation scripts using JAVA and C# languages.**
* **Experience writing the API automation scripts using RestAssured with TestNG.**
* **Prepare the Automation testing reports with Extent Reports framework and sent an email to the project team.**
* **Experience working on the Web Applications using TestComplete tool with VB Script.**
* **Build the RunIT desktop application to run/schedule the Test Complete scripts.**
* **Created the regression test suits using Test Complete for Desktop and Web Applications.**
* **Created the regression test suits using Webdriver-IO for UI applications.**
* **Experience working on Kevlar framework (Internal tool) for both UI and API scripts.**

**Technical Skills:**

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| **Defect Management Tools** | HP Quality Center, **Rally**, TFS, JIRA |
| **Testing Tools** | **Postman**, Swagger, **Test Complete**, Splunk, **Selenium, Visual Studio and JMeter, Webstorm** |
| **Testing Methodologies** | Smoke, Functional, Integration, Regression, GUI, Load/Performance, System and User Acceptance Testing, System Testing. |
| **Web Technologies** | HTML, XML, **VB Script, C#** and **Java Script** |
| **RDBMS** |  MySQL, **SQL Server** and **Oracle** |
| **Programming Languages** | C, C++, SQL, PL/SQL, HTML, XML, Java, NodeJS, NPM, Newman |
| **SDLC Methodologies** | Waterfall, **Agile**. |
| **Operating Systems** | Windows XP/Vista/7, Android, iOS |
| **Web And Application Servers** | Web Services (REST) |
| **Automation Frameworks** | **TestNG**, **POM, Appium and NUnit** |
| **BDD Framework** | **Cucumber** |
| **CI/CD Tools** | **Jenkins, Go, GitLab** |

# **PROFESSIONAL EXPERIENCE**

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| **Project** | PWM – Baird Online | **Start Date** | Jan’21 |
| **Client** | Robert.W.Baird | **End Date** | Till Date |
| **Project Location** | Milwaukee, WI, USA |
| **Project Description:** This is customer faced web application which exists from the year 1987 . This project includes the major upgrades and adding the new functionalities to the existing web application. |
| **Role / Responsibilities** | **Manual/Automation Test Lead** |
| **Contribution:*** Involved in the Agile meetings like Scrum , Review , Planning meetings
* Added the high level test scenarios in the Rally tool for the story which needs to be tested
* Prepared the Selenium Nunit framework from scratch.
* Install all necessary nugget packages for NUnit, selenium and Extent reports.
* Configure the framework which sends an email after running the tests.
* Implemented the Page Object Model by separating the functions each page.
* Used the dynamic waits like Implicit wait and Explicit wait while finding the web elements.
* Implemented the Inheritance between Base class and every test case.
* Integrated Selenium script with CI/CD Tool like GO and scheduled the tests everyday morning 6 AM.
* Started working on the Mobile automation scripts for both Android and iOS using Appium
* Working with third party vendor to understand the testing process
* Defect Triage meetings with vendor and understand the defect resolution process
* Sharing the testing results between vendor and client.
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| **Environment:** Tools & Technologies: SQL Server 2012, Rally, MS Word, MS Excel, Web Applications, Notepad++, Swagger, Postman, Java Script, Selenium, C#, NUnit, Eclipse, Appium, Android, iOS, Extent Reports, Newman, NPM and NodeJS |

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| **Project** | Elevations  | **Start Date** | June’20 |
| **Client** | Northwestern Mutual | **End Date** | Jan’21 |
| **Project Location** | Milwaukee, WI, USA |
| **Project Description:** This project is designed to enhance the HO users restriction and accessing the policy numbers.  |
| **Role / Responsibilities** | **Manual/Automation Test Lead** |

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| **Contribution:*** Involved the Sprint planning meetings with Business team for prioritizing the features
* Attended the retros and given the inputs from testing team
* Created the scenarios /feature files using cucumber with different tags
* Prepared the code in step definition files for each step in the scenario in Java script code
* Created both UI and API automation scripts using WebdriverIO with Java script
* Worked with Webstorm editor for automation scripts
* Scheduled the UI and API automation scripts in GITLAB tool
* Access the application with different level HO users and verified the header message
* Verified the blue banner for Work-As FR for all users
* Part of integration testing for HO Only apps and NMC application
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| **Environment:** Tools & Technologies: WebdrivevrIO, Java script, Postman, Webstorm, GITLAB, NPM, MS Word, MS Excel, Web Applications, Notepad++, and NodeJS |

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| **Project** | Finance – Remarketing Application | **Start Date** | Mar’18 |
| **Client** | Robert.W.Baird | **End Date** | June’20 |
| **Project Location** | Milwaukee, WI, USA |
| **Project Description:** This project is designed to build the internal web applications for eligible associates to offer the company shares. And also it sends the pdf confirmation via email to all associates who participated in the stock offering. |
| **Role / Responsibilities** | **Manual/Automation Test Lead** |
| **Contribution:*** Involved in the Design meetings of each feature with project team.
* Install all necessary nugget packages for NUnit, selenium and Extent reports.
* Configured the app.config file with all parameters.
* Configure the framework which sends an email after running the tests.
* Run the tests based on the roles like Admin, Manager and Associate.
* Implemented the Page Object Model by separating the functions each page.
* Implemented the Page factory model framework on top of the Page Object model.
* Used the dynamic waits like Implicit wait and Explicit wait while finding the web elements.
* Tested the performance of the Email server using Jmeter tool by defining the thread groups.
* Used the user defined variables in the Jmeter tool for auto incrementing the Id values in the request body.
* Used the JMeter inbuilt listeners for reports and shared to the project team.
* Implemented the Inheritance between Base class and every test case.
* Used the Swagger tool to test the rest APIs manually.
* Using Postman tool, automated the APIs end to end by using in built postman snippets.
* Executed the postman collection using Postman Runner tool by proving the Env details.
* Executed the Postman scripts from command line using Newman.
* Executed the Postman scripts by passing the test data through CSV.
* Integrated both Postman and Selenium script with CI/CD Tool like GO and scheduled the tests everyday morning 6 AM.
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| **Environment:** Tools & Technologies: SQL Server 2012, Rally, MS Word, MS Excel, Web Applications, Notepad++, Swagger, Postman, Java Script, Selenium, C#, NUnit, Extent Reports, Newman, NPM and NodeJS |
| **Project** | Compliance – BASS (Baird Account Surveillance system) | **Start Date** | Dec’17 |
| **Client** | Robert.W.Baird | **End Date** | Mar’18 |
| **Project Location** | Milwaukee, WI, USA |
| **Project Description:** This project designed to replace the current alert generated system which is Prosurv and create new rule engine with help of Third party tool Corticon studio. Making sure alerts are assigned to correct person/role and able to change the status of the alerts until they resolved. |
| **Role / Responsibilities** | **Manual/Automation Test Lead** |
| **Contribution:*** Involved in the Design meetings of each feature with project team.
* Attended the online/onsite trainings with Third Party to understand the functionality of Corticon studio.
* Very much involved in the Sprint planning/refining meetings and given the user story points from testing point of view.
* Added high level test scenarios for each user story in Rally board.
* Given the positive test scenarios to developer and helping them in the unit testing.
* Prepared the test scenarios and test cases for each user story and uploaded them in to Rally tool.
* Prepared the regression scripts using Test Complete. And scheduled them daily/Weekly and send the automatic emails to business team.
* Tested the API end points manually in Swagger by providing the necessary parameters.
* Added automation test scripts in Postman tool to automate the Rest web services.
* Handled the UAT sessions when the user stories are ready for UAT and get the sign-off from them.
* Helped the Product Owners to come up with the list of test scenarios for critical functionalities.
* Attended the Sprint retrospectives and helped the team to improve from testing point of view.
* Tested the role based functionalities for each alert and make sure they are able to change the status of the alert and able to take action against alert.
* Attended the Daily scrum calls and given the QA updates to Project Team.
* Involved in Automation Environment setup using Eclipse, Java, Selenium WebDriver jars and TestNG.
* Designed Test cases Using Selenium Webdriver and TestNG.
* Created the classes for each page and integrated with TestNG.
* Used the annotations like @Test, @BeforeMethod, @AfterMethod etc.
* Enhancing the Selenium Test cases for Cross browser testing
* Involved in Regression Testing using Selenium.
* Involvement in Automation Environment Setup Using Eclipse, Java, Selenium WebDriver Java language bindings and TestNG jars.
* Preparation of Selenium WebDriver Corporate Material.
* Prepared the feature files using Cucumber in Gherkin language
* Created the step definition files for each feature file and integrated with Junit framework.
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| **Environment:** Tools & Technologies: SQL Server 2012, Rally, MS Word, MS Excel, Web Applications, Notepad++, Swagger, Postman, Test Complete, VB Script, Java Script, Selenium, TestNG, Cucumber, JUnit |

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| **Project** | Compliance – Annuities  | **Start Date** | Jun’17 |
| **Client** | Robert.W.Baird | **End Date** | Dec’17 |
| **Project Location** | Milwaukee, WI, USA |
| **Project Description:** This project designed to address visibility and analysis of annuities information including VA Riders and suitability. Regulators have increased the need to have enhanced surveillance on annuities. And also part of the project is to prepare the reports, capturing the data for Financial advisors which is currently missing. |
| **Role / Responsibilities** | **Manual/Automation Test Lead** |
| * **Contribution:**
* Was part of requirement gathering session with Business team (BLITZ Session)
* Met the Business analyst once in every 2 weeks to understand more about the user stories which helped me to come up with the high level testing strategy for each story.
* Attended the Sprint refining meetings with project team and given the inputs for user story points.
* Keeping the high level testing strategy for each story in Rally which helps to the developers while they are developing the code.
* Prepared the test scenarios and test cases for each user story and uploaded them in to Rally tool.
* Prepared the regression scripts using Test Complete. And scheduled them daily/Weekly and send the automatic emails to business team.
* Tested the API end points which are parsed by using SPARK and verify the data in UI.
* Using Swagger validated the web services by providing the necessary parameters.
* Written the automated scripts for Web Service end points using Postman and ran the collections in one shot.
* Prepared the feature files using Gherkin language
* Prepare the data driven testing using Scenario Outline Tag in Cucumber.
* Integrated the TestNG classes with Page Object Model and Page Factory Model frameworks.
* Shared the POM.xml path to DBAs to configure the Jobs in Jenkins and prepared the reports.
* Worked with Product Owners and given them demo on every user story for the sing-Off at UAT Testing period.
* Helped the Product Owners to come up with the list of test scenarios for critical functionalities.
* Tested the MDS (Master Data Sheet) which is created for Product Owners to avoid them going to database for Updates (Add, Delete, Update the data).
* Prepared the Daily Status/Weekly Status reports and shared to the Client.
* Attended the Daily scrum calls and given the QA updates to Project Team.
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| **Environment:** Tools & Technologies: SQL Server 2012, Rally, MS Word, MS Excel , Web Applications, , Notepad++, Zeppelin, Spark , Swagger, Postman, Selenium, TestNG, Cucumber, Junit, Jenkins |

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| **Project** | Compliance – Direct To Fund | **Start Date** | Jan’16 |
| **Client** | Robert.W.Baird, WI | **End Date** | Jun’17 |
| **Project Location** | Milwaukee, WI, USA |
| **Project Description:** The program electronically receives files from third party vendor (DTCC) on daily basis and tries to tie it to an account at Baird. Currently, Robert.W.Baird Baird having a lack of information on non-networked direct-to-fund positions. When accounts aren’t networked it is difficult for us to keep track of the accounts. With this program we could start receiving information on these accounts and it would allow us to supervise the accounts and they could be displayed on reports.  |
| **Role / Responsibilities** | **Manual/Automation Test Engineer** |
| **Contribution:*** Part of every sprint/Iteration grooming session to understand the upcoming user stories to test. Got the opportunity to give the points to Sprint/Iteration stories.
* Had discussions with BA/Developers to understand about the application functionalities.
* Prepared the test scenarios and test cases for each user story and uploaded them in to Rally tool.
* Tested the functionalities for the Web Applications and verified the comparison logic.
* Verified and tested the Unmatched and Matched reports successfully. Validated the exported functionalities in to Excel.
* Verified the Account details in UI against database.
* Verified the loading process of .txt files in to Third Party Vendor (Prosurv) and validated the data after loading.
* Validated the Address Mismatch and REP Mismatch reports for all the Matched accounts.
* Validated the Swagger Web service outputs by providing the account numbers, Rep Codes as Inputs.
* Prepared the Daily Status/Weekly Status reports and shared to the Client.
* Attended the Daily scrum calls and given the QA updates to Project Team.
* Created the regression automated scripts using Test Complete.
* Scheduled them using RunIT and verified the test results.
* Prepared the test scripts using POM and integrated with TestNG framework.
* Created the Maven project and added the dependencies in POM.xml.
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| **Environment:** Tools & Technologies: SQL Server 2012, Rally, MS Word, MS Excel, Web Applications, Swagger (Web Service), Notepad++, TestComplete |

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| **Project** | Bairdweb Intranet  | **Start Date** | Apr’15 |
| **Client** | Robert.W.Baird, WI | **End Date** | Jan’16 |
| **Project Location** | Milwaukee, WI, USA |
| **Project Description:** This project talks about the redesigning the current Baird Intranet application. The new BairdWeb intranet platform will improve associate experience and help associates easily find the content, people, news and applications needed to do their job better, faster and easier. The design offers a personalized user experience that targets content most relevant to the associate. |
| **Role / Responsibilities** | **Test Engineer/Automation Test Engineer** |
| **Contribution:*** Was part of requirement gathering session with Business team (BLITZ Session)
* Met the Business analyst once in every 2 weeks to understand more about the user stories which helped me to come up with the high level testing strategy for each story.
* Attended the Sprint refining meetings with project team and given the inputs for user story points.
* Keeping the high level testing strategy for each story in Rally which helps to the developers while they are developing the code.
* Prepared the test scenarios and test cases for each user story and uploaded them in to Rally tool.
* Written the test scripts for each web page which exists in Baird Intranet Portal.
* Manually tested each web page based on test cases written.
* Scheduled the automated scripts using automation framework which runs everyday morning 5 AM and send the results in an email.
* Posted the News articles, Content in both SIT and UAT environment and tested the functionality thoroughly.
* Helped the business users to come up with the list of test scenarios for critical functionalities like News Search, people Search, Content Search.
* Validated the Target Mapping for all specific users by logging in through Citrix and verified the content.
* Prepared the Daily Status/Weekly Status reports and shared to the Client.
* Attended the Daily scrum calls and given the QA updates to Project Team.
* Developed Automation framework using **Web Driver**.
* Developed automation framework for **Selenium RC** in Modular Framework model.
* Tested applications developed in **Java with J2EE framework**.
* Used Selenium tool (selenium IDE is a plug-in to Firefox) to record and playback tests and then export the recorded test in other language e.g. html, Java. The Exported test can be run in any browser and any platform using "Selenium Remote control".
* Used Selenium **WebDriver** for writing test scripts for regression test coverage.
* Worked on Data Driven Framework and MVC for Automation test scripts.
* Integrated Selenium RC with existing API to test framework.
* Extended Junit framework by adding some helper classes and methods.
* Implemented **Selenium GRID** for compatibility testing.
* Used **XPath** and **DOM** to work with dynamic and static objects in Selenium.
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| **Environment:** Tools & Technologies: SQL Server 2012, Rally , MS Word, MS Excel , Web Applications, , Notepad++, Citrix, Selenium IDE, WebDriver, Java, testing, MVC, Fire Path, Firebug, Internet Explorer, Google Chrome, Safari and Mozilla Firefox |

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| **Project** | PWH Data Migration | **Start Date** | Oct’14 |
| **Client** | Robert.W.Baird WI | **End Date** | Apr’15 |
| **Project Location** | Milwaukee, WI, USA |
| **Project Description:** Applications tied to 170 plus data sources and appx. 500 reports rely on 2 major database repositories: AS400 and the Production Warehouse Databases (Windows SQL Server 2005 Database). These systems provide Baird with most of the client and next-day trade data for - Operations and Client Reporting, Compliance, and Application Integrations. This implementation has 2 major tasks. The first one is database migration from SQL Server 2005 to SQL Server 2014 (which includes conversation of data, SSIS packages and SSRS package). The second is to focus on re-designing the database for modernization and simplifying the data design model. This improves the experience of the consumers as well as the foundation for future improvements in data ingestion, data aggregation, and data analysis for Baird and Baird’s customers. |
| **Role / Responsibilities** | **Test Engineer/Automation Test Engineer** |
| **Contribution:*** Part of preparing the Test Plan and Test Strategy for Migration process.
* Had discussions with BA/Developers to understand about the application functionalities.
* Prepared the Test Scenarios and Test Procedures and uploaded into the Rally Management tool.
* Tested the functionalities for the Web Applications/WPF Applications in both manually and using Automated testing Tool – TEST COMPLETE.
* Validated the UI field values against database using Automated testing Tool – TEST COMPLETE in the part of testing the functionality of the applications.
* Verified and validate the tables in the Source and Target database by running the SQL Queries in SQL Server.
* Validated the Conversion/Business/Migration Rules against Target database after the Migration process like Table Structure, Referential Integrity and Default/Null Constraints.
* Verified the Checkpoints for the tables in Target database like Records Count against Source database.
* Prepared the Daily Status/Weekly Status reports and shared to the Client.
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| **Environment:** Tools & Technologies: Test Complete 10.50.2702.7, SQL Server 2012, TFS, Rally, MS Word, MS Excel, WPF Applications, Web Applications |

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| **Project** | DER Pricing Automation | **Start Date** | Mar’13 |
| **Client** | Direct Energy, TX | **End Date** | Oct’14 |
| **Project Location** | Houston, TX, USA |  |  |
| **Project Description:** The opportunity exists to streamline the U.S. price deployment processes in DER by developing a new solution that will automate the DER pricing calculation and deployment process. Today, Pricing is generated in spreadsheets, which are then e-mailed to numerous stakeholders in Operations, Sales and Marketing.  The 100% manual process is inefficient, time consuming and susceptible to errors.  The automated solution will improve speed to market through elimination of manual steps, accuracy of prices in the market through a reduction in hand-offs and process controls, and overall transparency in the pricing and deployment process.  |
| **Role / Responsibilities** | **Test Engineer** |
| **Contribution:*** Reviewed the requirements in the BRD/SDS.
* Had meetings with Business People to understand more about the pricing calculation logics.
* Involved in assisting the team in the preparation of test plan.
* Attended the story point meetings with project team during the initial stage of iterations
* Attended the everyday Scrum call with Project team and given the daily updates.
* Prepared the test scenarios while going through the Functional Design Specification document for each story.
* Authored the test cases/test procedures based on the test scenarios.
* Perform GUI, Functionality, Integration, Regression and UAT
* Was involved in manual testing of the application.
* Reported bugs using defect tracking tool QC and TFS (Team Foundation Server).
* Attended the Iteration demo meetings with Business people at the end of the Iterations.
* Was involved in User acceptance testing of the application with end users.
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| **Environment:** Tools & Technologies: TOAD Oracle 11, TFS, HP Quality Center ,FileZilla , MS Word, MS Excel, UNIX, WCF Test client and Domain Specific CIS Application Peace |

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| **Project** | FCP Migration | **Start Date** | Dec’11 |
| **Client** | Direct Energy TX | **End Date** | Mar’13 |
| **Project Location** | Houston, TX, USA |  |  |

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| **Project Description:** Direct Energy is a retailer of energy services and was founded in 1986. It is the largest energy and home services retailer with over 5 million customers in [Canada](http://en.wikipedia.org/wiki/Canada) and the [United States](http://en.wikipedia.org/wiki/United_States). Every day across North America, more residential and business customers turn to Direct Energy for their electricity, natural gas, home energy services and energy efficient solutions. Direct Energy acquired the company called First Choice Power (FCP) recently. This project talks about the migration/conversion of the FCP customers from their system to Direct Energy system. |
| **Role / Responsibilities** | **Test Engineer** |
| **Contribution:*** Understanding the requirements from the BRD/SDS
* Assisting while preparing the Test Plans and test approach.
* Writing Test Scenarios as per the requirements.
* Authoring Test Cases for the test scenarios.
* Arranging Test Environment to execute the test cases
* Review the test cases which are prepared by team members.
* Was involved in executing the Test Cases
* Written high level SQL queries based on the transformation rules.
* Validated the source and target data mappings.
* Made sure that source data is loaded successfully in to the target data base.
* Used all types of testing including Negative, data integrity etc while validating the transformation rules.
* Checked the default values in the target tables after dumping the source data.
* Validated the historic data in the target data base.
* UI Screen validations between Source to target after data migration process.
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| **Environment:** Tools & Technologies: Domain Specific CIS Application Peace and TOAD Oracle 11, HP Quality Center, MS Word, MS Excel.

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| **Project** | Market Library Upgrade | **Start Date** | Aug’11 |
| **Client** | Direct Energy TX | **End Date** | Dec’11 |
| **Project Location** | Houston, TX, USA |  |  |

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| **Project Description:** Direct Energy would like to update and enhance the current Market Library (ML) process of storing all translated EDI transactions from EC Power along with market characteristics and active ESIID status. The Market Library application is a DER system that loads copies of all Texas transactions that are processed on behalf of Direct Energy for all DER DUNS numbers.  Currently TIBCO Engine is using for file transfer process between EC Power and ML database and Sql Server 2000 using for Development and production servers for Direct Energy. DE likes to use SQL Server Integration services for file processing instead of using TIBCO and upgrading the Development and production servers from Sql Server 2000 to SQL Server 2008R2. Also, automated processes will be introduced to correct the missing transactions and initiate an automated file request from EC Power should missing transactions be identified and not found. |
| **Role / Responsibilities** | **Test Engineer** |
| **Contribution:*** Analyzing the Requirements from the client
* Helped the team lead while writing test plan.
* Authored high level test scenarios after finalized the BRD/FRS/SDS
* Authored test cases based on the requirements.
* Made sure that flat file data is loaded in to the respective tables.
* Validated the error log created as expected whenever loading is failed.
* Verified the SQL Server upgrade is completed successfully as expected by validating the source and target tables
* Validated the table structure in source side and compare them with target table structure.
* Made sure that migrated data is available as expected in target data base.
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| **Environment:** Tools & Technologies : SSIS, SQL Server 2000, SQL server 2008R2,TIBCO,HP Quality Center ,MS Word, MS Excel, Notepad |
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| **Project** | Texas Platform Consolidation(TPC) | **Start Date** | Dec’09 |
| **Client** | Direct Energy, TX | **End Date** | Aug’11 |
| **Project Location** | Houston, TX, USA |  |  |
| **Project Description:** Direct Energy is a retailer of energy services and was founded in 1986. It is the largest energy and home services retailer with over 5 million customers in [Canada](http://en.wikipedia.org/wiki/Canada) and the [United States](http://en.wikipedia.org/wiki/United_States). Every day across North America, more residential and business customers turn to Direct Energy for their electricity, natural gas, home energy services and energy efficient solutions. The company operates in 20 states in the United States and 10 provinces in Canada through four lines of business and handles a wide range of services like home improvements, water heater and electrical appliance services for residential customers and also provides whole sale Energy services like power generation, energy production, wind power purchase agreements |
| **Role / Responsibilities** | **Test Engineer** |
| **Contribution:*** Reviewed the requirements mentioned in SDS/BRD
* Prepared and modified the test scenarios based on the requirements.
* Written test cases as per the test scenarios
* Worked with Business Analysts and got the approval for the test scenarios and test cases.
* Performed the smoke testing on the Target data base after every conversion run.
* Verified the static tables in the target database by comparing the data in the spread sheets given by Business.
* Verified the data is transformed correctly as expected using QTP.
* Performed the validity check on around 50,000 Process Tracking Jobs using QTP for sample customers.
* Validated the historic data at the source side of the system and verified them in the target data base.
* Independently develop Load Runner test scripts according to test specifications /requirements.
* Develop and implement load and stress tests with Load Runner, and present performance statistics to application teams, and provide recommendations on how and where performance can be improved
* Involved in the testing activities for Conversion releases and Mock runs.
* Involved in the Regression testing and helped the business for UAT testing
* Validated UI screens against source and target after the data is migrated.
* Executed the test cases using the Quality center with screen shots.
* Logged and retested defects using defect tracking tool
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| **Environment:** Tools & Technologies: Domain Specific CIS Application Peace and TOAD Oracle, QTP, MS Excel, MS Word, Load Runner, HP Quality Center, Putty. |
| **Operating System:** Windows XPSP3 |

**References:** Will be provided upon request.