Sundara Kandati

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Summary

- 13 Years experience in software engineering with over 10 years in Quality Assurance.
- Strong troubleshooting, analytical, problem- solving and conceptual skills.
- 10 years experience in data services as Data designer and Quality Assurance Engineer.
- QA Lead experience in Data Services, Functional and Automation platforms.
- Extensive experience in Onshore/Offshore Development model and mentoring the team as needed.

TECHNICAL SKILLS:

Programming Languages: SQL, HIVE Query Language (HQL) , Spark, PIG Latin ,Java & Python

Database   : Oracle, DB2, SQL Server, Teradata

ERP   : Oracle EBS, Sales Force.com (SFDC) , IBM CURAM,Guideware

Development Tools   : TOAD, SQL Developer, PL/SQL Developer ,SQL Assistant, Putty, Data stage designer, Informatica power center, Eclipse IDE , SOAP UI,, Jupyter Notebook

Project Tools   : Rally, JIRA

Cloud Services   : AWS

Academic Qualification

- Master of Computer Applications from Srivenkateswara University,India in 2007.

- Bachelor of Science from Srivenkateswara University ,India in 2004.

Languages known:

- English,Telugu & Hindi

Total Work Experience:

- Working for Technumen India Pvt Ltd since March 2019
- Worked for Infosys from Jan 2016 till March 2019
- Worked for Tata Consultancy Services from May 2008 till Jan 2016.

<u>**Project#1:**</u>

Project Title : Data Lake Transformers

Client : State Auto Insurance

Duration : Since March 2019

Location : Hyderabad India

Project Description :
Datalake Transformers design and develop the Datalake framework for advanced Analytics in Cloud environment .The Compliance reports are extracted from the datalake based on the business rules and share to the external agents.

Agile Software development method is followed with 2 weeks sprint.

Responsibilities:

- Participate in business requirements and understand the business rules .
- Work with Data Modelers to understand the Bigdata model.
- Review the Statistical Plan and the source to Target Transformation business rules ,Table Level rules, data extraction rules, etc.
- Perform data profiling and data analysis for the data insights which will be helpful for the Data engineerig.
- Analyze the QA scope/impacts and provide the estimates.
- Develop the scripts(SQL /hql/pyspark scripts)to extract data from different databases / Data Lake and apply the business rules to perform data completeness, correctness, data transformation verification.
- Develop the scripts for financial reconciliation .
- Design the Test cases and review with IT stake holders.
- Work with TDM team for Test data ingestion.
- Work with business to understand the lookup tables mapping and business behind the lookups.
- Log the defects/observations .
- Work with developer & designer to analyze the issues identified and propse the solution.
- Review the extracts/reports generated for the Analytics.
- Perform User Accept Testing .
- Document the UAT results and review with the stakeholders.
- Attend all the sprint ceremonies and provide inputs.
- Manage and mentor the offshore Team and ensure the Quality in the deliverables.

Project#2:

Project Title : Health Analytics (HA)

Client : Health Care Service Corporation (HCSC)

Duration : From Aug 2016 to March 2019

Location : Richardson, TX USA & India

Project Description :
Health Analytics enables advance analytics in partnership with business stakeholders, to serve HCSC members. The Services are

1. Repository Management :
   Different repositories(EDW, ADW, etc.) to provide trusted data for HCSC such as Data lake, ODS and Teradata are managed.

2. Enable Data for Business:
   Health Analytics enables datasets for business purposes from the different repositories.

Agile Software development method is followed with 2 weeks sprints.

Responsibilities:

- Participate in business requirements and Data model reviews to understand the business needs.
- Review the source to Target Transformation business rules ,Table Level rules, data extraction rules, etc.
- Perform data profiling and data analysis for the data insights.
- Involve in designing the Data models and the ETL requirements.
- Analyze the impacts and prepare the project estimates.
- Develop and govern the UAT Test Plan/Strategy including the System test , Integration test and regression test and review with the project stake holders.
- Develop SQL scripts, PIG scripts and Hive scripts to extract data from different databases / Data Lake and apply the business rules to perform data completeness, correctness, data transformation and data quality testing.
- Design the datastage ETL jobs for bringing the data to data warehouse for testing.
- Design the test cases and develop the traceability matrix to ensure the requirements are covered.
- Design the BTEQ scripts using SQL and shell scripting to automate the Large or complex tables validation.
- Develop the scripts for the EDI transactions sent to the Data Analytics.
- Develop the required User defined functions in Python language.
- Validate the Data Lake incoming layer & smith layer according the business requirements.
- Sqoop the data from databases to HDFS for further validations.
- Execute the scripts and document the QA results with details.
- Perform the white box testing and black box testing to identify the defects in ETL jobs.
- Perform the root cause analysis on the issues occurred.
- Schedule the defect Triage meetings to review the reported defects and prioritize them.
- Coordinate with the stakeholders effectively.
- Anticipate the risks and prepare the mitigation plan.
- Report the deliverables status to the client stake holders on regular basis.
- Prepare the test summary report and perform sanity test on the post deployment.

- Analyze the automation feasibility and develop the Proof of Concepts to demonstrate the pain areas and cost reduction ways in the project.
- Attend the scrum meetings (daily standup call,Backlog grooming,Sprint review,Sprint retrospective).
- Support the Team when required and review the team deliverables to meet the Quality goals.
- Mentor the Team as needed and schedule Trainings to the team when required for the project.
- Prepare the QA Metrics and identify the areas to be improved in the team.
- Involved in preparing the RFP/POCs to introduce new technology or business to the client.
- Evaluate and introduce new QA tools , techniques and any best practices.

Project#3:

Project Title   **: District of Columbia Access System (DCAS)**

Client   **: Department of Health and Human Services**

Duration   **: From Jan 2016 Till Aug 2016**

Location   **: Washington, District of Columbia**

Project Description:

DCAS is the IBM Curam system designed for the DC state Depart of health and human services. The Washington DC eligible residents can take advantage of the services offered by the Government through DCAS System.

Responsibilities:

- Participate in the BI Requirement reviews .
- Perform data profiling and data analysis for the data insights.
- Involve in designing the Data models and the ETL requirements.
- Analyze the impacts and prepare the project estimates.
- Develop and govern the Test Plan/Strategy including the System test , Integration test and regession test.
- Identify the Testdata requirements and work with the different source systems to get the test data for the test execution.
- Perform the MetaData Testing,Source to Target Testing,Data Completeness Testing,Data Accuracy and Data Transformation Testing.
- Validate the Reusable ETL Transformations which facilitate Daily, Weekly & Monthly Loading of Data.
- Develop the SQL scripts to validate the results for the BI reports.
- Perform the database Testing to verify the ODS ,Golden gate process and Datamart .
- Provide UAT Support.
- Analyze the scope of UI automation and design the automation requirements.
- Automate the application functionality in Selenium Webdriver using Java language.
- Design the Automation frameworks Cucumber,TestNG,data driven with the huge volume of Test Coverage.
- Prepare the Automation Proof Of Concepts.
- Prepare the estimates for the system impacts due to the changes.
- Develop the automation scripts with the advanced techniques for better results.
- Design the Test Cases for the CURAM system Functionalities.

- Validate the interface services used for the Notification systems and the Image storage systems using SOAP UI.
- Perform the Accessibility Testing and Security Testing.
- Perform the sanity Test,Smoke Testing,System Testing and Regression Testing.
- Perform the Compliance Testing to verify the Audit details.
- Log the defects in HP ALM ,if any found during the Test execution
- Attend the Defect Triage meetings and Work with the Developers in fixing the defects
- Helping the team in automation execution

Project #4

Project Title   **: Provisoning & Activation System Integration Test**

Client   **: Comcast Cable Communications**

Duration   **: From July 2015 Till Dec 2015**

Location   **: Moorestown, NJ USA**

Project Description:
This project is to test the Systems integrated from ordering the Services using CSG Biller or DDP Biller till Activation of the Services .There are multiple systems involved throughout the process. Agile Software development method is followed with 3 weeks sprints.

Responsibilities:

- Attend the backlog grooming and analyze the Application/system impacts due to the new User Stories.
- Reproduce the problems in the lower environment for more insights of the user stories.
- Involve in analyzing the business requirements and designing the system requirements.
- Provide the story poinnts/estimates.
- Create sprint related tasks in JIRA for the committed User stories.
- Attend the daily standup meetings and provide the status and any issues.
- Design the System Test Plan and review with the IT stake holders .
- Prepare the Test Cases and identify the Regression cases to cover the user stories.
- Identify the Automation scope and designn the Automation strategy.
- Coordinate with offshore regularly , assign the Tasks and track them .
- Review the System Test cases with the IT stake holders as well as Business and incorporate the review comments.
- Maintain the Traceability between the Test cases and requirements.
- Develop the automation framework for acceptance testing.
- Develop the Automation framework with huge volume of Test Coverage.
- Test Data Management - Setup the Test data as per the requirements and ensure the data is synchronized across the applications.
- Validate the Web services using SOAP UI.
- Validate the data stored in the database (oracle).
- Validate the data loaded in the Datawarehouse as per the ETL requirements.
- Validate the ordering systems functionality (CSG biller and DDP biller).
- Verify the order in the network provisioning systems.

- Send the daily status to Management with the detail information about the release.
- Schedule Team level Retrospective meetings with offshore to discuss th lessons learned and any suggestions
- Attend the retrospective meetings and provide the feedback.
- Prepare the Test certificate and send to the IT stake holders after the testing completion.
- Automate the Test cases using selenium webdriver.
- Execute the Automation Scripts to perform the regression testing for each release.

Project #5

Project Title   : Trouble Ticket Management (TTM)

Client   : CenturyLink Telecommunications

Duration   : From July 2012 Till July 2015

Location   : Littleton, CO USA

Project Description:
Trouble Ticket Management as part of Telecom Service Assurance takes care of the Internet or the other services provided to the End Customer. This covers the telecommunications network comprising of transport, switches, circuits and fiber. The Applications involved are NTM – Network trouble Management System, ANTS – Abnormal Network Tracking System, NFS - Notifications System, Operations News (OPSNEWS) and CM – Change Management. Optimized Waterfall software development method is followed to deliver the project.

Responsibilities*:*

- Review the Business requirements for the Change Requests planned for each release.
- Analyze the Application/system impacts due to the CRs and involve in designing the System requirements.
- Analyze,if there is increase in the Load on the system due to the committed System requirements
- Analyze the performance related issues due to the new requirements.
- Involved in designing the system reqiurements.
- Perform static testing on the requirements.
- Design the HighLevel use cases and review with the IT stake Holders.
- Provide the estimates.
- Analyze,if Risk based testing can be performed to reduce the efforts .
- Design the Test Plan and review with the IT stake holders and dependency systems.
- Coordinate with offshore regularly and assign the Tasks
- Schedule Daily/Weekly Status meetings with offshore team to discuss the status and issues based on the criticality
- Involved in designing the System/Integration /Regression Test cases with respect to the Application requirements.
- Review the Test cases with the IT stake holders as well as Business and incorporate the review comments.
- Maintain the Traceability between the Test cases and requirements

- Test Data Management - Working with upstream and interface applications to collect the test data
- Involved in Execution of System/Inter System/Regression Test.
- Perform Functional test and API test using SOAP UI to validate the services.
- Verify the database for the data transactions.
- Perform the data warehouse testing to verify the customers service records history is loaded to the data Warehouse as per the Business Intelligence requirements.
- Design the Test Execution Weekly Target (Milestones) and share with the IT Stake holders.
- Execute the system , inter system and Regression test cases.
- Identify the Mitigation plan,if test execution is not in the target.
- Provide Daily/Weekly status updates to Program Manager as well as Test Coordinator.
- Involving in the daily defect review meetings to provide the updates on the defects to Program.
- Support the End users during the User Acceptance Test.
- Design the Test Certificate and cascade to the Stake holders .
- Create the production sanity test plan and get it reviewed .
- Execute the Automation Scripts to perform the regression testing for each release
- Automate the previous release changes using Selenium Webdriver2 .
- Perform sanity test on post production deployment.
- Complete the Test Closeout activities(Risks,Issues,Lessons Learned,,etc)
- Develop the Test Metrics Report Dashboard and review the metrics with IT Stake holders .
- Participate in SEP Audit reviews.

Project #6

Project Title : **Warranty Information Network**

Client : **CNA Property & Casualty insurance**

Duration : **From Aug 2010 Till June 2012**

Location : **TCS Siruseri, Chennai India**

Project Description:
As part of the monthly accounting close process, Warranty National sends monthly premium policy and claim transactions to CNA. WIN assigns corporate codes to these transactions, formats the transactions, and sends data feeds to Premium Entry System with the required fields.

Responsibilities*:*

- Capturing Business process Requirements and managing business rules
- Evaluate business requirements, Create High Leve Design and Low Level Design ,develop the test plan and scenarios .
- Deveop the SQL Scripts and PL/SQL Procedures to apply business logic to the data and align with the data flow for further processing.
- Enhance the Unix shell scripts which will process the monthly premium/claims files.
- Load the claims & Premiums Data to database using SQL Loader and Shell scripts.
- Execute the scripts which extracts the transformed data to the Mainframe systems.
- Perform Unit Test.
- Building test cases, constructing test-data from test cases and Verification of test results.
- Processing monthly Premium and Claims by executing the unix scripts in production envirnment .
- Validating the Errored records(Premium & Claims) and reporting the reasons to clients.

- Getting the Mainframe files to Datawarehouse and verfying the reports.
- Execution of automation test Scripts.
- Monitoring and Testing the ETL Jobs scheduled in Control M.
- Preparation of weekly status report (Claims)based on the business need.
- Validation of test results and presenting to the clients.
- Communication with the client regularly to update the status .
- Notifying the Business team with the claims & premiums update after the Monthly ACT & PES closure

Project #7

Project : **EBU O&M Offshore, TCS India**

Client :**Neotel Pty telecommunications.**

Duration : **May 2008-July 2010**

Location : **TCS Mumbai,India**

Project Description:

Neotel Pty. Limited is a telecommunication services provider and has its operations and POPs across the country. It provides the services through various operation units connecting to cable heads through a robust intercity backbone both on fibre and satellite.

Responsibilities:
- Resolve prod issues with in the SLA
- Smoke test after every build.
- work on the database queries to debug the issue.
- Working closely with users to track the Prod issues and providing the solution.
- Capturing New Business process Requirements and managing business rules
- Developing the configuration changes for those Business requirements
- Desigining and scheduling the concurrent jobs as per the business needs
- Handling Enhancements and new initiatives.
- Involved in the migration plan of Oracle Apps to Salesforce.com
- Trained in salesforce.com sales module
- Involved in testing the salesforce.com sales application.
- Housekeeping activities in the project.