* +91 8981809387
* akashit89@gmail.com

**Akash Balmiki**

**(Test Analyst)**

To learn and enrich my knowledge to enhance my skills in the ETL/BI (DWH) and REST Automation Testing leveraging my 8.3 years of experience by gaining real-time practical exposure and subsequently develop managerial skills to mold a meaningful career and add value to the organization and myself.

WORK EXPERIENCE:

Working as a QA Test Analyst with **99 months (8.3 years)** of extensive experience on ETL and REST API Testing and have worked in different Business domains like Insurance and Retail services, Leading QA teams in many ETL projects.

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PROFESSIONAL SUMMARY:

* 8.3 Years of IT experience in Quality Engineering and Assurance in Insurance and Retail services.
* A peak performer and result focused professional having experience of working in real time projects.
* Ability to understand Functional Requirements and Design Documents.
* Having sound knowledge on Software Development Life Cycle (SDLC) and Software Test Life Cycle (STLC) and Bug Life Cycle.
* Proficient in ETL/DWH Testing and comfortable with Informatica (power center 10.2), Oracle 11g and Rapid SQL (DB2).
* Expertise in Functional Testing, System Testing, System Integration Testing, Regression.
* Having good working knowledge in Performance (Stress and Endurance) Testing.
* Having expertise in Initial load, Full load (One Time Load), Incremental load, delta (daily) load and Reconciliation Testing in ETL.
* Strong command in running and testing REST API with Postman using Newman CLI API, import data file, global and local variable file creation.
* Have good hands on experience on API automation testing using Rest Assured with Cucumber and TestNG.
* Expertise in writing complex SQL queries using the Mapping documents.
* Having 6 months working knowledge on Hadoop data migration project of migrating data from RDBMS database to Hadoop ecosystem.
* Having exposure on Bigdata ecosystems likeHDFS, Hive and Sqoop.
* Proficient on different scheduler tools like TWS (IBM Tivoli Workload Scheduler) autosys and Test Management tools like Jira, QC (HP ALM), QADirector6.0 and ADPART.
* Have exposure of conducting the internal audits for various projects and departments.
* Proficient in Defect logging, Tracking and Reporting in HP Quality Centre and Jira.
* Excellent interpersonal, communication, presentation skills peered with Strong analytical and problem solving aptitudes
* Experience in leading a module, working closely with clients to gather requirements, scheduling /allocating/ monitoring work among the team and being responsible for the successful delivery of the entire project/sub-project(s).
* Worked on different Software development methodologies like **Waterfall** and **Agile**.

**SUMMARY QUALIFICATION:**

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| **Title of the Degree with Branch** | **College/University** | **Year of Passing** |
| B.Tech (Information Technology) | West Bengal University of Technology | 2012 |
| XII | West Bengal Council of Higher Secondary Education | 2007 |
| X | West Bengal Board Of Secondary Education | 2005 |

**COURSES/CERTIFICATION:**

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| --- | --- | --- | --- |
| **No** | **Name of Institution** | **Diploma or Certificate** | **Year of Completion** |
| 1 | Cognizant Certification Program (CCP) | LOMA-280 | 2015 |
| 2 | Cognizant Academy | Life Insurance | 2015 |
| 3 | Cognizant Academy | General Insurance | 2015 |
| 4 | NIIT | ISTQB | 2021 |
| 5 | Agile Developer Methodology | Infosys Certification Program | 2020 |

**TECHNICAL SKILLS:**

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| --- | --- |
| **Hardware/ Platforms** | Windows 7 & Windows 10 |
| **Programming Languages** | C, Java, Python & Unix (Basics) |
| **Databases** | MS SQL, Oracle 11g & Rapid SQL (DB2). |
| **Web Services Tools** | Parasoft (SOA Test), SOAP UI , Postman and JMeter Application |
| **Automation Tools** | Selenium Webdriver, TestNG, Rest Assured, Cucumber & Maven |
| **Other Utilities** | Informatica (PC 10.2), Autosys, HDFS, Hive & Sqoop. |
| **Test Management tools** | Jira, HP ALM (Quality Center), QADirector6.0 and ADPART |

**WORK EXPERIENCE SUMMARY:**

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**Project #1**

* Title Gilgamesh-EDNA (Enterprise Data and Analytics)
* Client Northwestern Mutual Company.
* Operating System Windows 10
* Testing Approach    Manual and Automation
* Team Size 8
* Role Module Lead
* Period September 2018 to Present
* Testing Methodology Agile
* Technology DB2 (Rapid SQL), Informatica (10.2), Postman,

JMeter, Rest Assured, Selenium Automation & Autosys.

**Project Objective:**

BIIP is a subject oriented integrated, current and versatile collection of data used to support the tactical decision making for Business Intelligence patterns such as operational reporting and operational analysis. In Gilgamesh, through API service user retrieves or extracts data from different sources/vendors and loads the requested data into BIIP database.

Another service is EDNA (Enterprise Data Analytics) model for Straight through Underwriter where all policies get categorized based on their prior policy details like Term Life policy, DI policy, Annuity etc.

##### Role and Responsibilities:

* Analyzed the Business Requirements and Rules and worked with Business Analysts and Business Users in preparing Test Plans.
* Project Requirement gathering and analysis for the scratch business document.
* Coordination with both Northwestern Mutual Project Management Office team and offshore development team to keep both teams in sync and update them about the requirements and the successful implementation of the project.
* Expertise in designing different types of Test Scenarios, Test cases, Test Coverage and Test scripts from the mapping documents, Functional Specification documents and mapped the test cases with the Requirements for generating the Requirement Traceability Matrix (RTM).
* Involving in the preparation of various metrics like Status Log, Daily Execution Tracker, Weekly Status Report, and Root Cause Analysis of defects
* Experience in Unit Testing and Functional Testing of ETL mappings in Informatica and update existing mappings based on the requirement changes.
* Analyzed and tested Informatica Mappings with OLTP source data, staging and target data.
* Perform REST API automation testing using Postman, Newman CLI and Runner collection.
* Have hands on experience on Kevlar Automation Testing with Selenium Webdriver, Cucumber (BDD framework) & Maven project.
* Designed Test Cases Using TestNG and Maven project.
* Execution of Tests and Reporting Defects.
* Involved in solving Environmental problems along with Technical Support People, especially in Sever Connections and Database sharing issues.
* Preparation of weekly and monthly status reports.
* Performing Test Management and Defect Management activities using Jira.
* Provide daily status and blockers/issue details on Standup scrum calls and updates Team Lead on daily testing activities.

**Project #2**

* Title Lynx- Analytics
* Client Northwestern Mutual Company
* Operating System Windows 10
* Testing Approach     Manual and Automation
* Team Size 6
* Role Team Player
* Period February 2018 to August 2018
* Testing Methodology Agile
* Technology DB2 (Rapid SQL), Hive, HDFS & Sqoop.

**Project Objective:**

The objective of this project is to migrate existing database or application from Database (DB2) to Hadoop ecosystem. Data cleansing and standardization is also done in the process of migration testing. Load data into Hadoop from different sources provided by the client and process the same into Hive table.

##### Role and Responsibilities:

* Analyzed the Business Requirements and Rules and worked with Business Analysts and Business Users in preparing Test Plans.
* Performed data reconciliation and data cleansing process before placing data into local file system by writing complex SQL queries with join, partition and different group by methods.
* Extract data file from database to local LAN path.
* Moved extracted data/file using UNIX command to HDFS file system location.
* Verify file content in HDFS location and create multiple replica of the file.
* Involved in the Data migration process using sqoop command and have tested the data in Hive table.
* Have written complex queries in Hive table to verify certain scenario and to check intended data.
* Work closely with the business and analytics team in gathering knowledge artifacts.
* Performing Test Management and Defect Management activities using Jira.
* Provide daily status and blockers/issue details on Standup scrum calls and updates Team Lead on daily testing activities.

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**Project #1**

* Title Investment Transformation Foundation (ITF)
* Client MassMutual Insurance Co.
* Operating System Windows 7
* Testing Approach    Manual and Automated
* Team Size 5
* Role Team Player
* Period March 2013 to February 2018
* Testing Methodology Iterative Waterfall
* Technology Oracle 11g, MS SQL, Informatica 9.5.1, TWS Scheduler and

Eagle Investment System.

**Project Objective:**

The Investment Data Optimization (IDO) project includes the delivery of capabilities and services for shared investment data including metadata, acquisition, consolidation, storage, integration, and reporting / BI.

The following quartet of solutions makes up the IDO Toolkit

* Eagle Investment Systems
* Reconciliations
* Reporting/BI
* Make reliable, consistent and complete investment data available to all MMLIC data consumers.

##### Role and Responsibilities:

* Analyzed the Business Requirements and Rules and worked with Business Analysts and Business Users in preparing Test Plans.
* Gone through the Functional Specifications and implemented their Technical aspect in System and Integration testing (SIT).
* Providing status updates to both MassMutual and Cognizant management and responsible for execution planning, coordination and risk mitigation.
* Designed Test cases, Test scripts from the data mapping documents, Functional Specification documents and mapped the test cases with the Requirements for generating the Requirement Traceability Matrix RTM).
* Closely went through and worked on all the stages of SDLC for this Project and designed and executed Functional, Integration, Regression, And System (End to End), UI Testing, Browser Compatibility, Backend (Database) Testing.
* Tested the ETL Informatica mappings and other ETL Processes (DW Testing).
* Analyzed and tested Informatica Mappings with OLTP source data, staging and target data.
* Work closely with the business and analytics team in gathering knowledge artifacts.
* Supported the extraction, transformation and load process (ETL) for a Data Warehouse from their legacy systems using Informatica.
* Performing Test Management and Defect Management using Quality Center.
* Tested Cognos and Infogix Reports according to the business requirements.
* Attended Weekly Defect Review and Defect Status meetings. Provided updates to Team Lead on testing activities.
* Comparing the output data extract in with the help of Macro based Automation tool to compare the ingested and extracted bulk data records.

**Personal Details:**

* Fathers Name : Late Rajen Balmiki
* Date of Birth : 01 April, 1989
* Permanent Address : 55, Muchi Mahal, Sadar Bazar, Barrackpore, Kolkata-

700120.

* Current Address : MIG-25, Kanan Vihar Phase-2, Patia, Bhubaneswar,

Odisha- 751024

* Nationality : Indian
* Passport Details : Will be provided on request
* Languages Known : English, Hindi & Bengali

I hereby declare that the above given information is correct & true to my knowledge.

**Akash Balmiki**

**(Test Analyst)**