Saumya Ranjan Mishra

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BRIEF NOTE:

Saumya Ranjan Mishra has **5.6 +** years of experience in IT industry and exposed to different Testing products in the field of software testing. Specialize in Manual Testing , Application Testing , **DB testing , ETL/Data Warehouse Backend Testing,Automation Testing , Mainframe Testing and BigData Testing.**

WORK EXPERIENCE:

Nov 2019 to June 2020-   Software Test Engineer
Wipro Technologies Ltd.

Aug 2018 to Jan 2019 - Software Test Engineer

Toshiba Software India Pvt Ltd

May 2014 to Aug 2018- Associate Consultant

IBM India Pvt Ltd

TESTING EXPERIENCE: Years of Experience

	1	2	3	4	5	6	7	8	9	1 0
o Manual Testing					●					
o Automation Testing	●									
o DB Testing			●							
o ETL DW Testing				●						
o Mainframe Testing	●									
o API Testing	●									
o Unix Testing		●								
o UI Testing			●							
o BigData Testing	●									

TECHNICAL PROWESS: Self Rating Scale

	1	2	3	4	5	6	7	8	9	1 0
o Java								●		
o Unix								●		
o SQL									●	
o HP ALM									●	
o ETL/DW								●		
o Rest API								●		
o BigData						●				

PROFESSIONAL SUMMARY:

- **5.4 +** years of total year experience in Manual, ETL (Data Warehousing) testing ,DB testing and Selenium Automation testing in **IBM**, **Toshiba and Wipro**.
- **4 +** years of ETL Datawarehouse and DB testing experience with Informatica, Query Surge, Teradata,DB2, Oracle, SQL Server 2008 and UNIX.
- **1.4 +** years of Automation experience with **Selenium WebDriver ,Java.**
- **1** year Experience in **Product Testing.**
- **Knowledge on BigData Testing(Hadoop, Hive)**

Manual Testing in(UI, Database and ETL)
- Experienced in Master Test Plan (Doc) Preparation, Test Scenario Preparation, Test Data Preparation, Preparation of **Test Cases, Review of Test Cases and Execution of Test Cases**.
- Experience in Testing Methodologies like **Agile Model** and **Waterfall Model**.
- Expertise in **Software Development Life Cycle, Test Life Cycle & Bug Life Cycle**.
- Expertise in different types of testing like **Functional, Regression, Re-Testing, Smoke, Sanity, Ad-hoc,** Compatibility, Positive, Negative, Database Testing, Live Testing, Application Testing, and Automation Testing.
- Involved in **Test Bed Setup and Deployment** of Builds in testing environment.
- Experienced in Quality Center tool to report defects and generate test reports.
- Experienced in using **Quality Center** and Bugzilla.
- Experience in detecting the bugs and classifying them based on the severity, priority and re-test the application.
- Experienced in assigning Bugs and Defect Status Reporting to Management.
- Ability to work effectively while working as a team and as well as individually.
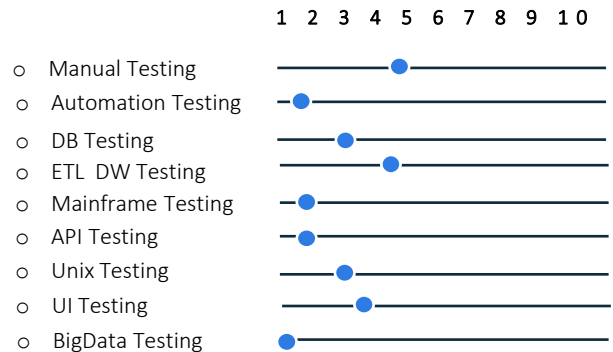
DB Testing/ETL Data-warehouse Testing
- Experienced using Databases like **MySQL, DB2, Oracle 11 G, SQL Server 2008,Teradata** and **SQLite** to test application backend.
- Experienced in writing database Queries, Complex Joins, Stored Procedure, Trigger.
- Experienced in Internal Batch Job testing using stored procedure.
- Experienced on database data Comparisons (Front-end data with Back-end), data manipulation, Data Back-up and recovery operations.
- Having Experience on ETL, Data Warehouse, Data Migration Testing.
- Good knowledge on Data warehouse concepts like **Star Schema, Snow Flake schema, Fact table and Dimension Table.**
- Proficient with data Quality, Cleansing , Migration and Warehousing activities with an Exposure in ETL process design.
- Spearheaded Extraction , Transformation and Loading data from multiple sources into data warehouse.
- Checking for data **(Mapping doc validation, Source to Target data testing, Constraint validation, Data consistency issues, Completeness Issues, Correctness Issues, Data Quality, Null Validate, Duplicate checking, Date Validation, Complete data validation and data cleanness).**

Unix/Linux Testing, Mainframe Testing and Rest API Testing
- Having experience in UNIX/Linux command to test the application.
- Experience in unix shell script to run and deploy testing environment.
- Experience in Mainframe testing (CICS , DB2 , File checking in Mainframe and JCL).

- Experience in Rest API using ARC(Advanced Rest Client) tools.
- Experience in Rest API testing verify(Accuracy of data, Schema validation, HTTP status code, Datatype ,Completeness, Authorization checks, Implementation of response timeout, Error code in case API returns.

Automation Testing(Selenium)
- Experience in working with Selenium IDE and Selenium We b-driver using TestNG.
- Experience in Selenium web-driver using core java.
- Experience in writing CSS selectors, Xpath expressions to identify web elements.
- Experience on working with TestNG for Automation testing reports.
- Experience in Build Automation Tools like Maven.
- Experience in the Data driven framework in Selenium.

TECHNICAL SKILLS:

- **OS**: Windows 2010/XP/7 ,Unix and Mainframe
- **Testing Tools**: Selenium IDE/RC/Webdriver, Query Surge, Informatica.
- **Databases**: My SQL 5.0, SQLite3, SQL Server, DB2, Teradata, and Oracle 11 G.
- **Languages**: Core Java, XML, HTML.
- **Networking** TCP/IP, Win-SCP, Putty, FTP.
- **IDE:** Eclipse, MyEclipse
- **Test Framework:** TestNG, Data Driven Framework.
- **Web Debugging tool:** Xpath, Firebug and Firepath
- **Build Tool:** Maven
- **Processes**: Agile Methodology, Waterfall
- **Reporting Tools:** Cognos, Microstrategies
- **Bug Tracking Tools:** HP ALM , Bugzilla

HONORS & AWARDS:

- Certified Bluemix (Cloud Sever) certification from IBM.
- Got Best Performance Award from Datamatics Global Services Ltd
- Got Recognition from clients several times for project delivery.
- Got Certificate email from Clients Excellent Performance in Project.
- Certified as Selenium professional by Udemy.
- Certified as ETL Testing professional by Udemy.

TECHNICAL QUALIFICATION:

- Master of computer application
- GNIIT(Software Engineering) From NIIT Bangalore

SUBJECT MATTER EXPERT IN

- Data warehousing, ETL, Database Testing and Unix

REFERENCES

- **Anton Christy** – Team Lead, IBM India Pvt Ltd(Contact number available upon request)
- **Tamara O'Connor** - Test Manager , MetLife(Contact number available upon request)
- **Rachit Dolia** - Project Manager , Wipro(Contact number available upon request)

PROJECTS ANNEXURE & KPI's

#3. Wipro

- **Organization**: : Wipro Limited.
- **Client**: : Allied Irish Bank(Ireland , UK).
- **Duration**: : Nov 2019 to June 2020.
- **Environment**: : Teradata, Abinito , EDW, Jira, Unix,
- **Role** : Quality Assurance Engineer
- **Domain** : (DB/ETL/Datawarehouse),Banking

Project Details

Allied Irish Bank is one of the Big Four commercial bank in Ireland. AIB offers a full range of personal and corporate banking services. AIB capital markets is the division of the company that offers international banking treasury operations. The Bank also offers a range of general insurance products such as home , travel, and health Insurance. AIB has a different region like ROI, FT, GB.

Responsbility :

Manual Testing/ DB Testing/ETL Testing

- Understanding logical flow of the application/project.
- Analysis of the specification provided by the clients.
- Design the test cases as per test plan and user specifications.
- Requirement Traceability Matrix(RTM) to test cases.
- Creating Test Plan , Test Scenario, Test Cases and Test Scripts to validate source and target data.

- Plays a key role in the development / automation of SQL queries while preparing the test case scripts.
- Involved in Test Data Creation as per Upstream application requirement.
- Involved using Databases like Teradata, DB2, Oracle 11 G to test application backend.
- Involved in writing database Queries, Complex Joins, Stored Procedure, Trigger for backend testing.
- Proficient with data Quality, Cleansing , Migration and Warehousing activities with an Exposure in ETL process design.
- Spearheaded Extraction , Transformation and Loading data from multiple sources into data warehouse.
- Checking for data (**Mapping doc validation, Source to Target data testing, Constraint validation, Data consistency issues, Completeness Issues, Correctness Issues, Data Quality, Null Validate, Duplicate checking, Date Validation, Complete data validation and data cleanness**).
- Extensively worked with flat file, feed file and Excel sheet data sources.
- Verifying data from feed files to Database, Database to feed files, Mainframe to Database, Database to Mainframe.
- Involved in Reporting tools Like Micro Strategies and Cognos.
- Involved in writing SQL queries for Backend Testing using join, subquery, and Temporary table creation in DB.
- Involved in Datawarehouse support .

#2. Toshiba
- o **Client**:   :Toshiba
- o **Project**:   : Tetra
 More Information :https://www.linkedin.com/in/saumyaranjan-mishra-15040252/

#1. MetLife
- o **Organization**:   : IBM India Pvt Ld.
- o **Client**:   :MetLife.
- o **Duration**:   : May – 2014 to June 2018.
- o **Role**   **:**Quality Assurance Engineer
- o **Environment**   :Unix, DB2, Oracle, Mainframe, Java, JSP,
                                                  :FTP, Putty, Micro Strategies.
- o **Testing Tools**   :HP ALM, Query Surge, Rest API(ARC), Selenium web driver.
- o **Application**   :ETL/Data Warehousing/DB Testing/Automation Testing
- o **Domain**   :Insurance

Project1:

iContact Retail Distribution

iContact is an application for sales and marketing team to managing broker and firm information. The iContact is a support system for Sales Desk associates for contact management and reporting. System enables the sales and marketing team to quickly access the information needed to provide quality support to MetLife representatives.
                             iContact system automates much of the support process by having the functionality to track calls, log Inbound/outbound calls, allows user to view representatives and firm profiles, see a representative's book of business, and provide management reporting capabilities.

Project2:

El-Dorado(Phase I, II and III)

Phase I: Broker Dealer system was pulling data from ODS/IBDW tables to iTracker tables for EV15, MRPS, CV15, Annuity Host, Life Admins. The Flow was changed such that, proprietary annuity and life admin system data was directly sent to Envestnet in form of custom feed files.

Phase II: El-Dorado is the initiative to replace Pershing as the clearing firm with National Financial Services(NFS). This will include all systems upst Ream and downstream impacted. The primary goal of the overall project is that Pershing feeds to Broker Dealer Applications as well as downstr Eam applications are replaced by NFS feeds as per the business requirements.

Phase III: El-Dorado Phase III was about outsourcing data aggregation and reporting from the Investment Tracker (iTracker) proprietary platform to the Envestnet external platform. This included Decommission of iTracker and replacing it with a new platform bdUtility. It also included Source Data from BDDW and Oracle Database into a single database BDADB.

Responsbility :

Manual Testing:

- Understanding the Client's business requirements and Functional requirements.
- Involved in Test Plan, preparing test Scenario, Test Data and Ambiguities.
- Analyzed functional specification document and prepared various test cases.

- Writing test cases, upload test cases and Executing of test cases in HP ALM.
- Involve in Black Box Testing Functionality, GUI, System Testing, Smoke Testing, Functional Testing, DB Testing, Compatibility Testing and Ad-hoc Testing.
- Performed Regression Testing on the module after fixing the bug
- Reported Defects through Quality Center.
- Defect logging and tracking till closure.
- Prepared daily status reports with details of executed, passed, failed, blocked test cases and defect status.

DB Testing / ETL Datawarehouse Testing:
- Understanding logical flow of the application/project.
- Analysis of the specification provided by the clients.
- Design the test cases as per test plan and user specifications.
- Requirement Traceability Matrix(RTM) to test cases.
- Creating Test Plan , Test Scenario, Test Cases and Test Scripts to validate source and target data.
- Plays a key role in the development / automation of SQL queries while preparing the test case scripts.
- Involved in Test Data Creation as per Upstream application requirement.
- Involved using Databases like **MySQL, DB2, Oracle 11 G, SQL Server 2008** and **SQLite** to test application backend.
- Involved in writing database Queries, Complex Joins, Stored Procedure, Trigger for backend testing.
- Involved in Internal Batch Job testing using stored procedure.
- Proficient with data Quality, Cleansing , Migration and Warehousing activities with an Exposure in ETL process design.
- Spearheaded Extraction , Transformation and Loading data from multiple sources into data warehouse.
- Checking for data **(Mapping doc validation, Source to Target data testing, Constraint validation, Data consistency issues, Completeness Issues, Correctness Issues, Data Quality, Null Validate, Duplicate checking, Date Validation, Complete data validation and data cleanness).**
- Extensively worked with flat file, feed file and Excel sheet data sources.
- Verifying data from feed files to Database, Database to feed files, Mainframe to Database, Database to Mainframe, DB2 Database to Oracle Database and Oracle Database to DB2 Database.
- Involved in Reporting tools Like Micro Strategies and Cognos.
- Involved in writing SQL queries for Backend Testing using join, subquery, and Temporary table creation in DB.
- Involved in Data Migration testing.

Unix/Linux Testing, Mainframe Testing and Rest API Testing:

- Having experience in UNIX/Linux command to test the application.
- Involved in unix shell script to run and deploy testing environment.
- Involved in Mainframe testing (CICS , DB2 , File checking in Mainframe and JCL).
- Involved in Rest API using ARC(Advanced Rest Client) tools.
- Involved in Rest API testing verify(Accuracy of data, Schema validation, HTTP status code, Datatype ,Completeness, Authorization checks, Implementation of response timeout, Error code in case API returns.

Automation Testing:
- Executed selenium test for automation testing of the web application using selenium web driver.
- Run the automation Regression suit test cases and verify pass, fail and not run.
- Involved in execute of selenium web driver automation framework for smoke and regression test suits(TestNG and Maven).
- Reviewing the test reports using TestNG framework.
- Involved in Debugging and Running the Script.