

Rahul Rai

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PROFESSIONAL SUMMARY

Motivated & Experienced QA/Tester bringing 10 years of expertise in IT Industry. Effectively manages assignments and team members. Dedicated to self-development to provide expectation-exceeding service. Productive employee with proven track record of successful team management and producing quality outcomes through leadership and team motivation. Works with clients to determine requirements and provide excellent service. A creative thinker, adept in software development, Quality Assurance, working with various data structures.

EXPERIENCE / ROLES & RESPONSIBILITIES

Senior Test Specialist / Lead Jun. 2023 – Till Date
Synchro Technologies| Pune, INDIA

- Understanding the test requirements and testcase design of the product [Writing test cases], Integration testing, functional testing, Database testing, API testing, Front end testing
- Authoring test planning with appropriate knowledge on business requirements and corresponding testable requirements.
- Individual contribution in terms of owning complete data flow testing for IB [Investment Banking] across applications.
- Responsible for E2E testing for Salesforce CRM [IB], API testing using Postman, MDP data validation in Redshift, Kafka [Mongo Db], Cognos Report validation for Revenue by various product & Sectors.
- Data Migration validation to AWS Cloud Services considering all Business transformation logs.
- Maintain Test runs and Test suites in QTest.
- Test Automation - Junit, Maven, Git, Java, Playwright
- Database Automation Testing – using Pandas Libraries [Python].
- Identifying problem areas, life cycle errors tracking and optimize testing processes, Maintaining and creating test documentation on Confluence.
- Managing & Creating TCs, RTM, Testing Strategy, Testing Artifacts & Signoff from business on the same, prepare & present DSR/WSR for all stakeholders.
- Working and leading two project modules.
- Trained and mentored employees to maximize team performance, Co-ordinated with HR to hire new talent in the team.
- Picked up additional tasks to aid team success.
- Performing Scrum master role for Automation testing team.

QA Lead Oct. 2021 – May.2023
Deloitte| Pune, INDIA

- Understanding the test requirements and testcase design of the product
 - Authoring test planning with appropriate knowledge on business requirements and corresponding testable requirements
 - Implementation of Organization's Model based testing and achieving efficient way of test generation.
 - Ensuring the test cases are peer reviewed and achieving less rework.
 - Work with development team to identify and capture test cases, ensure version
 - Setting the criteria, parameters, scope/out-scope of testing and involve in UAT (User Acceptance Testing)
 - Automate the test life cycle process at the appropriate stages through vb macros, scheduling, GUI automation etc
 - Experience of running automated tests and deployments (e.g. Selenium)
- To design and execute the automation framework and reporting
 - Develop and automate tests for software validation by setting up of test environments, designing test plans, developing testcases/scenarios/usage cases, and executing these cases
 - Ensure the test defects raised are as per the norm defined for project / program / account with clear description and replication patterns.
 - Detect bug issues and prepare file defect reports and report test progress
 - No instances of rejection / slippage of delivered work items and they are within the Customer SLA's and norms
 - Design and timely release of test status dashboard at the end of every cycle test execution to the stake holders
 - Providing feedback on usability and serviceability, trace the result to quality risk and report it to concerned stakeholders

- Status Reporting and Customer Focus on an ongoing basis with respect to testing and its execution
 - Ensure good quality of interaction with customer w.r.t. e-mail content, fault report tracking, voice calls, business etiquette etc. On time deliveries - WSRs, Test execution report and relevant dashboard updates in Test management repository
 - Updates of accurate efforts in project related trackers
 - Timely Response to customer requests and no instances of complaints either internally or externally
- Conducted audits to ensure that products and services met all quality standards, resulting in a 100% customer satisfaction rating [Client].
- Tested E2E scalable data processing pipelines using Azure Databricks and PySpark.
- Prepare DSR report, handle effort & estimation of the project.
- Find the solution for any open challenges within team, Azure Board Planning & update [Scrum Master Role]
- Review and merge automation code of team member. Help team to resolve git merge conflicts.
- Creation of product backlog items for release using JIRA
- Design and Build Framework for evolving state-of-the-art risk sensing monitoring tool that uses advanced analytics
- Capabilities to identify, analyze, and monitor emerging risks in the supply chain domain.
- Led the development of a risk-sensing monitoring platform that reduced manual monitoring costs by 20%.
- Tested end to end Time-series, event detection, and classification models that sense risk from various data sources, resulting in over \$1M dollar in incremental growth.
- Designed multiple test script that will support end -two- end CI/CD Pipeline, which lead to saving the entire data lake team a cost of \$100K per month.
- Conducted a comprehensive analysis of the business needs, resulting in the identification of key areas of improvement and the development of a successful roadmap for future initiatives.
- Orchestrated the definition of the project's costs and benefits with the business stakeholders, aligning the initiative with the company's strategic goals and achieving a projected ROI of 25%.
- Experience in using Azure Data Lake to store and process large-scale data sets [PB/ZB] more than 3300 tables , Azure Data Factory to orchestrate data pipelines and workflows, and Azure Data Bricks to run Spark-based analytics and machine learning.
- I have also used other Azure services such as Azure SQL, Azure Cognitive Services, and Azure Open AI Service to build and deploy various cloud-based solutions. I am proficient in using Python, SQL, and Scala for developing and testing code on Azure.
- Streamlined System Integration Testing, & reduced overall effort per business logic validation from 4 days to 1.5 day
- Responsible for leading and managing quality assurance team in delivering solution to customer, leading 15 people E2E delivery.
- Trained team members on the testing tools required to meet testing goals within the software development lifecycle and release schedules.
- Assigned responsibilities of providing quality assurance training to quality assurance engineers in product development and testing.
- Performed roll of Scrum Master for 4 months.
- Co-ordinated with HR to hire new talent in the team.Prepared reports and correspondence on complex resource management issues.
- Monitored staff performance and developed improvement plans

ETL Test Lead

IBM India Pvt Ltd | Mumbai, INDIA

Mar 2016 - Oct. 2021

- Responsible for leading team in delivering solution to customer in the Insurance sector.
- Deliver new and complex high-quality solutions to clients in response to varying business requirements.
- Responsible for effective communication between the project team and the customer. Provide day to day direction to the project team and regular project status to the customer.
- Responsible for gathering all requirement documents and providing 3-point Estimation (L0, L1 and L2), CRP (Consolidated Resource planning), Test Plans and Test Closure Reports for the project.
- Responsible for managing scope, planning, tracking, change control aspects of the project.
- Developed an automated testing framework that reduced manual testing time by 70% and improved test coverage.
- Identify test approaches that optimize the delivery schedule & Advising clients on best practices in ETL/Data warehousing/Big Data.
- Identification of project risks to define risk strategies and developed the risk management plan.
- Supervised the quality of all deliveries made by the team and meeting all the goals of the Test Function with quality.
- Facilitated all team meetings, including daily stand up, iteration planning, sprint demo, retros, testing / quality assurance processes and more.
- Handled the tasks of conducting Root Cause Analysis, design verification, and performing risk analysis.
- Verification of database design, data integrity, SQL scripts, SQL agent jobs and stored procedures.

- Testing the ETL mappings with required transformation to load data into DB2 Data Base.
- Estimate, prioritize, plan and coordinate testing activities.
- Prepared the Test Strategy and Test Plan for assigned projects; Reviewed activities such as Requirements Review, Design Review, Test Strategy Review and Test Case Review.
- Identify, record, document thoroughly and track bugs.
- Preparing Test cases against System Requirement Specification or change requests.
- Defect management related activities like preparing defect logs, updating the defect logs after regression.
- Reported test results and bugs found effectively. Checked the full dataflow of the orders per system test plan.
- Test the data mapping from various source to target based on the specification by the business analysts.
- Ensuring Test Execution done through Automation (using Query Surge) and Test cases design should be done through CTD.
- Used Quality Center to store all testing results, metrics, implemented Test Plan Document, created Test Cases, Defect Tracking & Reporting.

ETL Tester

Sept 2014 - Mar 2016

Infinite Computer Solution | Mumbai, INDIA

- Understanding of the BRD, FRD, TDD and mapping document of the project.
- Prepare Master test plan, test Scenarios, test cases, execute test cases, and exceptionally document the process to perform Functional Validation of the application.
- Automation Testing experience in GUI automation -web / APIs / Selenium Web driver.
- Worked on Soap UI, REST API Tools.
- Prepare Requirements Traceability Matrix [RTM] to ensure comprehensive test coverage of requirements.
- Providing Walkthrough to Business and partner teams on the Test Design Documents.
- Test the data mapping from various source to target based on the specification by the business analysts.
- Testing the ETL mappings with business transformation rules to load data into DB2 Database.
- Knowledge or experience of testing Web Service APIs
- Experience running performance tests and analyzing the results
- Unit test the codes, verify the data, execute the Test Cases and report the issues/defects in HP QC 12.53, along with preparation of Attainment sheet

ETL Developer

Aug. 2013 - Sept 2014

Marico India | Mumbai, INDIA

- Establish Connections to various source systems such as SAP, Portals (MS Sql Server) based on the specification shared by the business analysts.
- Develop ETL mappings with required transformation in Pentaho Data Integration Tool to load data into Ingres Vectorwise Data Base.
- Prepare Functional Requirement Document by interacting with various departments & align with Business Requirement Document.
- Configured & Manage Linux Production Server for Marico India.
- Create automatic email notifications to communicate the success/failure of ETL jobs.
- Unit test the code & verify the data and report or fix the issues.
- Develop Tableau Report & Test the same end to end.
- Configure Linux environment for SAP file & data base management.
- Leading BI Thread E2E interacting with BA to prepare business use cases.
- Data Modelling for Business Model in Toad.

EDUCATION

BSc.IT| Mumbai University| Birla College – Kalyan [Mumbai], 74%

June. 2013

SKILLS

- Testing Types: Automation testing, API testing, Acceptance testing, Integration testing, UAT testing, Regression testing, Cross-platform testing, Sanity-Smoke testing, ETL and Database Testing, Cloud Data Migration Azure, AWS Cloud.
- Automation Testing Tools: Query Surge, Pandas, Basics of Selenium.
- Defect/Test Management: Jira, HP ALM, Microsoft Azure, QTest
- Databases: SSMS, SSIS, SQL,DB2,Mongo DB, Ingres Vectorwise DB.
- Programming Languages: SQL, HTML, Python, Java
- Domain: Supply Chain Management/Retail, CRM, and Digital marketing.

- DevOps: Jenkins, GitHub, Bitbucket, Introduction to Docker.
- Agile Scrum Practitioner [CSM], Strategic planning, Leadership
- Application and Tools: Python, Gremlin, Graph ML, NLP, AWS, AZURE, GCP, DevOps, Pyspark, Time Series, Snowflake, AWS ML STACK – Sage Maker, Lambda Function, Step Function, Neptune, Graph DB, AWS Comprehend, Glue, Big Data, ETL, Data warehousing, Pentaho 5.0.2, Linux, Tableau 7.1, Informatica, Middle ware, COGNOS reports, PENTAHO Data integration, Tableau/PENTAHO Report Designer, Power BI, Soap UI, Informatica ETL Tool, HP Quality Centre 12.56, AQT, Mongo DB, JIRA, Microsoft Azure, Q-Test, Web Services , AWS Cloud Services, Microsoft Azure Cloud Services, Oracle 8.1, MS-SQL Server 6.5/7.0, DB2, MS Access, PL-SQL, Soap UI, XML, HTML, CSS, Hadoop, HDFS, Hive, Sqoop, No SQL, Agile, SDLC, Waterfall.

CERTIFICATIONS & AWARDS

Certifications -

- AWS Certified SysOps [Admin Associate]
- CSM Certified
- ISTQB
- ITIL
- Big Data & Hadoop
- AZ-900 | Azure [To be appeared]

Awards –

- Managers Choice Award [IBM India]
- Rising Star Award [MetLife USI]
- Star Award [Synechron]