Basupriya Biswas

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Test Analyst & Certified Data Science Professional

Software Quality Assurance Engineer with 7+ years of experience with leading US and UK Clients from manufacturing, health care and banking domains. Experienced with different phases of Software Test Life Cycle, Agile methodology , validating Web Applications, Databases, Drafting Test Scenarios, Defect Management. Experienced in Automation Testing using Selenium and TOSCA and creating Reports. Working Knowledge of TestNG and APITesting using POSTMAN. Currently working with ETL testing tools and Google Cloud Big Query . Knowledge of SQL, Teradata, Python, C# , SDET concepts, JIRA and Confluence. Leading a team of 5 for various testing efforts required for test completion. Involved in building up and leading the Testing Team to the success of project. Defining the scope of testing within the context of each release / delivery. Deploying and managing resources for testing. Applying the appropriate test measurements and metrics in the product and the Testing Team.

TECHNICAL SKILLS

- **Technologies:** Automation Testing, ETL Testing, Big Data Testing, API Testing, Manual Testing, Functional Testing, Database Testing, Regression Testing
- **Defect Tracking tool**: - JIRA,HP ALM
- **Database :** SQL Server, BIG Query, Teradata, Oracle DB, RoboMongo
- **Automation Tools:** Selenium, TOSCA
- **Languages:** Intermediate Knowledge on C#, Python, SQL
- **API Tools:** POSTMAN

AREAS OF EXPERTISE

- Test Requirements, Test Strategy, Test Plan, Test Data Analysis, Testable Scripts and Framework, Test Execution, Defect Triage, Test Regression
- Automation using Selenium, Visual Studio and C#, TestNG and Extent Reports.
- ETL Testing, Big Data Testing, API Testing, Manual Testing, Functional Testing, Database Testing, ,Regression Testing
- Knowledge on Web Service Methodologies like JSON, REST AND SOAP APIs
- API Testing with TOSCA BI
- Google cloud Platform concepts and usage of BIG QUERY
- Strong Experience with JIRA, Confluence for best practices, defect Logging and defect tracking

PROFESSIONAL EXPERIENCE

Test Analyst | Infosys Limited | Hyderabad, IN | July '18 – Present
A global leader in next-generation digital services and consulting enabling clients in 45 countries to navigate their digital transformation.

- **Customer Preferences and RDOC [July'20-Present]**
  The Aim of the project is to validate various customer preference of a bank based on requests received and providing proper response with valid communication and notification channels as preferred by the customer.
  - Handling the whole project in strict Agile methodology in a Team of 3 QAs using tools Like TOSCA automation, WinScp , RoboMongo, API Test Module, Reports, JIRA.
  - Executing Functional Testing, Database Testing, API Testing of the requests and responses
  - Mocking up data in tables as per the Requirements and ensuring all conditions are tested with all kinds of data applicable for the testing.
  - Preparing Test Results with necessary queries and screenshots and uploading to JIRA for SIT SIGN OFF.
  - Working in RDOC team as Big Query Tester for validation of data using TOSCA.
  - Also involved in Data migration and DB validations using Juniper, Nifi, GCS and Dataflow scheduled JOBs
- **Intelligence Hub [Aug'19-June'20]**
  The project aimed at migrating raw data from various traditional data sources to Google Cloud Platform Big Query tables using different data loading patterns. The data was extracted, stored and moved to Staging tables and then to History tables and Authorised Views to be consumed by downstream applications.
  - Performed QA Tasks with a team of 10 and also supervised work of 2 more resources.
  - Executed various tasks like ETL Testing ,Big Data Testing, Manual Testing, Functional Testing, Database Testing.

- o Used Tools like Google Cloud Platform Big Query, Juniper, Apache NiFi, Teradata, Oracle DB, WinSCP , JIRA.
- o Automated the validation process using Python in Annaconda Navigator

- **EDW [Jul'18- July'19]**
  The project focussed on providing Insurance Information to downstream clients in a health care domain The data had to be extracted from the source databases , transformed as per the client logic and loading the necessary files to the downstream databases for consumption.
    - o Executing **ETL Testing** on Claims data for a reputed HealthCare Organization in US using tools like Teradata, Oracle DB AND SQL
    - o Overseeing the running of workflows using Informatica Workflow Manager and delivering the extracts in due time and exceeding the Project expectations bar.

Senior Test Engineer | Infosys Limited | Hyderabad, IN | Jul'16 – Jun'18
- **PANCP [Aug'17 – May'18]**
  The project is mainly focused to automate various registrations of devices from single to bulk groups in a security network. It also aims to provide necessary extensions to lapsed licenses.
    - o Involved in test planning, test data creation, Executing test cases. Manual testing, Functional testing, Database Testing.
    - o Responsible for automating critical processes using Selenium, C#, Visual Studio 2017,MySQL, Excel in Data Driven Framework.
    - o Performed performance testing using JMeter and Jenkins as per client requirement.
- **HRIT Staffing [Apr'16- Jul'17]**
  The applications aim at different sections ranging from facilitating interview requirements for candidates appearing for interview to providing open job positions to both internal employees as well as for referrals.
    - o Conducted Test planning, created test data , uploaded test cases to MTM and VSO
    - o Performed Manual testing, Functional testing, Regression and Accessibility Testing
    - o Responsible for verifying Data migration from US based server to Russian Server
    - o Configured Deployment of the application in UAT with **zero defects** within stipulated SLA

Test Engineer | Infosys Limited | Hyderabad, IN | Sep '13 – June '16
- **Learning and Readiness[Aug'15-Mar'16]**
  LNR is a suite of applications used by Employees within the company and vendors to apply for different courses developed by client in Azure. It also collects tasks completion information for Microsoft managers and helps in assigning courses to employees to enrich themselves and attain specific points for growth in career.
    - o Performed Manual Testing, Functional Testing, Database Testing
    - o Built a dedicated accessibility team in Infosys for MS applications
    - o **Decreased** the **Average Handle Times (AHT)** of Staffing project by **50%**
    - o Assisted Technology Lead with resource planning and man hours for different tasks
- **Rewards P@M (Sep'13-Jun'15)**
    - o P@M is a suite of applications used by Employees and Managers worldwide to set commitment, do assessment and also collect performance review information for Microsoft employees during the performance review process.
    - o Performed Manual Testing, Functional Testing, Database Testing, API Testing
    - o Used tools like Sql Server, Azure Cloud service, Azure Storage, Azure Website
    - o Tracking the defects using VSTF

CERTIFICATIONS
- **PG Diploma in Data Science - IIIT Bangalore & UpGrad**
- **Pursuing GCP courses and SDET certfications within Infosys Learning Portal**

Awards & Achievements
- Received **Spot Award** out of 50 employees for best contributor.
- Awarded **Gem Award** in the company along with client appreciations.

EDUCATION

- **B. Tech. – Electrical Engineering | WBUT** | West Bengal, IN | Jun '08 – May '12