

Vikas

Offering 7 years of experience as SDET, API, dashboard testing, automation in python and selenium. Test data management on Hadoop platform. Knowledge of machine learning and API's. Client management as worked with teams across US, Asia-Pacific and Europe



CORE COMPETENCIES

AI/ML Testing
Testing (API, BI and ETL)
Python
Gherkin/Cucumber - BDD
Selenium
GIT/Technical Coding Skill
Test Data Management
Hadoop, Hive, OOOIE and Sqoop
Machine learning concepts
Test Report Generation
Pipelines (Jenkins)

IT SKILLS

Testing: SDET, API (AI/ML) Testing, SoapUI, Postman, Python

Projects: Waterfall and Agile
Automation Framework: BDD (Behave), Selenium, Pytest

Data Science: Python, Docker, API Building, Machine Learning concepts knowledge

Data Mining, Sourcing & Profiling:
SQL, Denodo (using Dbeaver)

ETL Tool: SSIS

Pipelines: Jenkins and Azure

PROFILE SUMMARY

- ❖ Technically sound professional with 7+ years of experience.
- ❖ Worked on test strategy and test plan.
- ❖ Writing of test cases and upload into test suite.
- ❖ Test management application - Azure VSTS
- ❖ Daily scrum calls updates on the progress of test items handled
- ❖ Test evidences, logs to be captured during testing - logging python
- ❖ Very strong knowledge on various functional testing methodologies - Sanity, Smoke, Regression, Functional, Risk Based testing
- ❖ API testing tool - Postman or SoapUI
- ❖ Test data management over Hadoop and Azure
- ❖ Responsible for scheduling meeting release wise for pipelines (DDL/DML changes)
- ❖ Approving pipelines for appropriated release
- ❖ Experienced on GIT/GitHub for version control.
- ❖ Experienced on test automation using python (pytest, cucumber/Gherkin, selenium)
- ❖ Good understanding of Software Development Life Cycle (SDLC) and software testing lifecycle (STLC)
- ❖ Sound knowledge of SSIS ETL tool
- ❖ Knowledge of jenkins pipelines

CAREER TIMELINE



2021 - Present



As Senior Data Specialist II - Quality Engineering

2018 - 2021



As Senior Data Specialist I - Quality Engineering

2016 - 2018

As Data Analyst - Quality Engineering

2015 - 2016

Monteage Technologies Pvt. Ltd. As Database Admin

2014 - 2015

Monteage Services As Database Admin

WORK EXPERIENCE

Jul'16 - Present: AXA XL, Gurugram (a Division of AXA)

Growth Path:

Senior Data Specialist II	Mar'21 - Present
Senior Data Specialist I	Apr'18 - Mar'21
Data Analyst	Jul'16 - Mar'18

Role:

As Senior Data Specialist

- ❖ Develop test plans and maintain them regularly, working with product owners and developers
- ❖ Writing test cases and uploaded in Test suite
- ❖ API's Testing (Data science models) using SoapUI/Postman.
- ❖ ETL testing using SQL and Hive (Azure and Hadoop)
- ❖ BTL testing using Denodo (Dbeaver tool)
- ❖ BI dashboard manual testing
- ❖ Test automation using Python (Pytest, selenium)
- ❖ Use of BDD (behave) in python for easy understanding of code and make it light weight.
- ❖ Writing complex SQL queries on large volume of data set as per mapping sheet in source and target environments.
- ❖ Interacting with business partner & Onshore team to understand business persona post interview of the user and stakeholder as well as identifying key questions to be answered
- ❖ Creating bugs in Azure VSTS and liaisoning with developer.
- ❖ Mentored Junior tester to understand and build the right test plans as per release schedule.
- ❖ Responsible for keep update Azure VSTS by my work.
- ❖ Sound knowledge of software development life-cycle (SDLC) and software testing life-cycle (STLC).

As Data Analyst

- ❖ Worked on web page testing and writing test cases for them.
- ❖ Worked on ETL testing on same platforms for source and target.
- ❖ Writing test cases for all scenario's and updating in Azure VSTS.
- ❖ Worked on SSIS to get sample data uploaded in Test environment.
- ❖ Introduce technical automated solution by using python, SQL and SSIS.
- ❖ Perform manual testing, the scope of which will encompass all functionality of services to as a prequel to automation

Apr'15 - May'16: Monteage Technologies Pvt.Ltd. as Database Admin

Role:

- ❖ Working on Real Time Data of Toll Plaza's, with sitting in NHAI (Client side).
- ❖ Experience with writing Stored Procedure, Function, Database backup (all types), Script generating and all complex queries using of joins ETC.
- ❖ Experience with Indexing, Mirroring, Clustering, Normalization ETC.
- ❖ Handling of 23 Toll Plaza data in XML format.
- ❖ Working on live Server of SQL Server 2008 R2.
- ❖ Responsible for maintaining & managing all data in proper format.
- ❖ Responsible for memory space & utilization in Server according to data.
- ❖ Responsible for generating weekly and monthly report.
- ❖ Responsible to make relationship with server Team and my Coding Team.
- ❖ Working with department head within the organization to understand their reporting using technical & business acumen.
- ❖ Shared various scorecards, interactive dashboard and reports weekly, monthly, quarterly and ad - hoc as per requirement.

Feb'14 - Mar'15: Monteage Services as Database Admin

Role:

- ❖ Managing of Database for project www.askmefund.com.
- ❖ Responsible for generating query as per market scheme requirement.
- ❖ Experience with writing Stored Procedure, Function, Database backup (all types), Script generating and all complex queries using of joins ETC.
- ❖ Generate report according to requirement changes.
- ❖ Working with department head within the organization to understand their reporting using technical & business acumen.
- ❖ Shared various scorecards, interactive dashboard and reports weekly, monthly, quarterly and ad - hoc as per requirement.

EDUCATION

- Executive Program in Data Science & Machine Learning from Great Lakes Institute of Management (2018-2019)
- Master of Computer Application (MCA) (2011-2014)
- Bachelor of Computer Application (BCA) (2008-2011)



Test Data Management

Project Name : Test Data Management

Role : Senior Data Specialist

Tools : Hadoop, Hive, OOOIE, Sqoop, SQL, Ambari and Informatica BDM, Azure VSTS (pipelines)

Description: (Test Data Management for different projects according to release)

We need to prepare data-set for every release according to all projects so new changes relative to addition, modification etc. will be available for testing environment.

I am here aligned as a Sr. Data Specialist and I am responsible for below items: -

- Scheduling meeting with development team to check the upcoming changes (DDL/DML) Ingestion in every release
 - Scheduling meeting development team to deploy and approve the pipelines for latest code changes in test environment
 - Approving pipelines for current release
 - Checking Ambari for nodes availability before starting the load
 - Scaling nodes up and down as per requirement
 - Performing ingestion, data load from source to target server
 - Checking logs if there is any failure
 - Connecting through beeline for hive queries
 - Checking ADLS and blaze files
 - Creating copies of tables in Hadoop as per requirement
 - Checking OOOIE coordinator for running jobs status
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Project's

Project 1

Project Name : DeepAI

Role : Senior Data Specialist

Tools : SopaUI/Postman, Python, JSON, BDD, Azure Visual Studio Team Services (VSTS)

Description: (Data science models API testing and Performance Testing on Jmeter)

The one step solution for underwriters where they can send any PDF/word document and in response they will get the party information on email with related Duns number which have a hyperlink and it will open in a search engine.

Aligned 100% as a API tester for writing of test cases, testing of API's, automation and load testing.

- Authentication by Microsoft access tokens tokens.
- OCR (optical character recognition) for word, PDF and embedded documents
- Sentence segmenter for taking all the characters in right order and no one should be duplicated.
- NER (Named Entity Recognition) to get the entity names from that document.
- PIA (Party Information agent) to get the party information from external data and in-house databases
- The following data science models API's I have tested and automated in python: -
 - Web-Search for searching the documents on web page.
 - Reports to for final data.

Performance Testing: - Aligned 50% in load testing through JMeter where we can check the performance of API and how many users can login into API at once. I checked the 90% timing and throughput with all assertion and access token providing in JMeter.

Automation: - I have created python framework using Pytest and pytest-bdd in docker environment for automated regression testing.

Project 2

Project Name : Semantic Search

Role : Senior Data Specialist

Tools : SopaUI/Postman, Python,BDD, Azure Visual Studio Team Services (VSTS)

Description: (Data science models API testing)

Underwriters need the submission documents to view while renewing or writing new policies. We have developed a front end where user can search their documents by typing the text what he remembers. Like I want to search fire insurance policies so I will write fire in search box and it shows the relative documents. Also, it works on semantic search (bidirectional) like fire has warm, heat and extinguisher etc so it will search semantically if user checks the semantic search window.

Aligned 100% as an API tester to writing of test cases and testing of API's.

- Upload the documents with proper embedding
- Searching of words which is available in document Bi-directional
- Searching of words which similar to words available (Semantic search)

Project 3

Project Name : oneMI Dashboard

Role : Senior Data Specialist

Tools : Dbeaver (using denodo), MicroStrategy, Azure Visual Studio Team Services (VSTS)

Description: (MicroStrategy Dashboard Testing using denodo)

This one stop solution for most of all data related queries, which developed using MicroStrategy, Denodo and ThoughtSpot.

Aligned 70% as a tester who is responsible to do build the queries in Denodo and test the dashboard values for all grids, filters and pages.

Automation: - I have created python framework to test grids and tables in MicroStrategy using MSTR API's, by document/dossier ids.

Project 4

Project Name : Client Reporting, Party MDM-EBX, Actuarial Reserving (ETL Tester)

Role : Senior Data Specialist

Tools : SQL, Python, Azure Visual Studio Team Services (VSTS)

Description: (ETL Testing)

In all the above said projects (Client Reporting, Party MDM-EBX, Actuarial Reserving) the data flow takes place either from hive to Azure or Azure to Denodo with multiple source system.

Aligned 70% as a tester who is responsible for all the data testing in source and target. Also, it's having complex logic's which completed using common table expression (CTE) and complex queries of SQL is hash tables.

Project 5

Project Name : DEEP web page and Loss Runs

Role : Data Analyst

Tools : SQL Server, SSIS, Azure Visual Studio Team Services (VSTS)

Description: (Manual web page and ETL Testing)

DEEP web page is a in house product where we can see the progress, description, timelines, status of every project and refer to the product owner for any specific queries. In loss runs we are performing the data flow from one SQL environment to another with all transformation needed.

Aligned 60% as a tester who is responsible for: -

- Ensuring all details of web page as discussed with developer and maintained in VSTS.
- Performing sample data sets in testing environment for Loss runs project using SSIS for testing of all scenarios.

Project 6

Project Name : Terrorism Insurance Act. (in London office)

Role : Senior Data Specialist

Tools : SQL, SSIS and Cognos

Description:

In insurance industry it's a mandatory to submit their policies which comes under TRIA Act aftermath of terrorist attack of 9/11.

I was there a key person for the data mining and analytics for the project. Also, I need to travel London for the same purpose as all key members are there located.

I am also doing automation using python (pytest, pytest-bdd, API) and performance testing automation using python locust framework to make it robust.