

MOHIT KAUSHIK

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PROFESSIONAL SUMMARY:

- 9 years of progressive experience in developing robust Test Automation Frameworks in-and-around legacy and distributed Java-based enterprise applications.
- Proficient in Web automation testing with Selenium Web-driver using Java & TestNG.
- Proficient in Service Virtualization and API Automation testing with CA LISA (DevTest), SoapUI, Postman, Java Http Client.
- Well versed with *Atlassian* suite of *CD/CI tools* – *GIT/Bitbucket, Bamboo, JIRA, Confluence* and *Pivotal Cloud Foundry*.
- Good understanding of micro-services architecture and future-ready testing strategies (TDD) that embrace Shift-LEFT philosophy.
- Working experience with Java, Korn shell scripting and SQL.
- Strong understanding with hands-on experience in AWS Cloud services (VPC, EC2, CloudFormation, S3, RDS, Redshift, Workspaces, Lambda, Kinesis, RDS, SNS, SQS) – AWS Certified Solutions Architect & Developer (Associate Level).
- Good understanding and working experience with Robotic Process Automation tool – BluePrism v5.
 - Experience in building Blue Prism Processes and Business Objects for various business systems.
 - Worked with mainframe, windows, web-based applications and surface automation. End to end process automation using Blue Prism.
- Working experience with ETL Tool – IBM DataStage and BI Analytics Tool Tableau – XML, REST, Oracle, SQL Server, DB2 and Real Time integrations with IBM DataStage; and creating data dashboards on Tableau platform.
- Strong interest in Cloud architecture, Data Sciences, Python and Machine Learning – learning Python development and working with *Jupyter* Notebooks on *Anaconda* platform.
- Specialization in Finance Domain – Credit cards/Revolving Credit, US Loyalty; US Retail Banking, International Wealth management, Investment Management; Index-funds, ETF, Mutual Funds, Bonds.

TECHNOLOGY & SKILLSET:

Focus Area	Tools and Technology
API Automation Testing	CA DevTest (CA LISA), Parasoft Virtualize, SoapUI, Postman, Advanced REST Client, Java Http Client based frameworks
Web Automation Testing	Selenium Webdriver (Java & TestNG)
DevOps, CD/CI	Spring Tool Suite (STS IDE), Maven, GIT, Bamboo, Jenkins, CloudFoundry, PCF (Pivotal Cloud Foundry)
AWS Services	VPC, EC2, CloudFormation, S3, RDS, Redshift, Workspaces, Lambda, Kinesis, RDS, SNS, SQS (Strong knowledge, Hands-on experience)
RPA (<i>Robotics Process Automation</i>)	BluePrism V5 (Env: Blue Prism v5, SQL Server, MS Excel, MS Access, WebServices)
Unit Testing Frameworks	TestNG, JUnit
Programming/Scripting Languages/Query	Java, Unix, SQL (Working knowledge)
BI/Reporting Tool	Tableau
Java frameworks	Springboot (Hands-on)
Version Control	SVN, GIT
Performance Testing	JMeter (Hands-on), CA LISA, SoapUI & ReadyAPI
Testing Methodologies	SDLC, Agile – Scrum/Kanban
Databases	IBM DB2, Oracle (working-knowledge)
Database Client Tools	IBM Data Studio, SQL Developer, Command Editor
ETL, BI	IBM Datastage, Tableau
Test Management Tools	HP ALM (QC), JIRA, CA Rally

WORK EXPERIENCE:

Employer: UST Global Inc.

Client: [Vanguard Inc.](#), 02/2017 - Present

Job Title: Sr. Test Automation Analyst

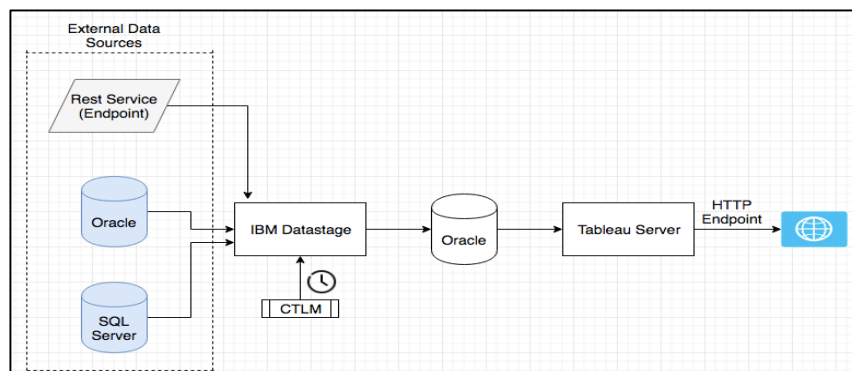
Test Automation & Service Virtualization Specialist

Currently leading the test automation and service virtualization efforts in Vanguard for a big business portfolio. My daily/weekly responsibilities include, but not limited to –

Current Project:

- Attending Release Planning sessions for each Program Increment of the scrum team and estimate the Testing efforts for each user story and/or component.
- Developing Test Approach for each component, or for each story – whichever is more granular.
- Creating separate user stories (issues) in **JIRA** for testing-intensive work.
- Developing the Automated Test Cases/Suites and framework, where applicable, for each component/user story.
 - **API Testing:** *CA DevTest (Service Virtualization, Automation), Java- http client*
 - *Developing, deploying & maintaining **Virtualized Services (REST endpoints)** using CA DevTest Tool – this eliminates dependency of upstream systems and enable me developing automated test cases/suites whilst the actual REST services are under development.*
 - *Using Swagger for creating Virtualized Services, and creating automated test suites.*
 - *Developing automated test suites for Virtualized APIs – on Day 1 and replacing with live services once they are ready.*
 - *Executing the automated test suite(s) and maintain the test suites.*
 - **UI Testing:** *Selenium Web-driver (Java, TestNG); Maven, GIT, Bamboo, CloudFoundry*
 - Develop automation framework - both Data driven and Hybrid using **Selenium WebDriver** in Java and performing unit testing by using **TestNG**.
 - Implementing the testing framework using *Atlassian* suite of products –
 - Following the GIT flow – by branching out the previous version of the code from Bitbucket repo (GIT) and start developing test cases for new user story in STS IDE (Spring Tool Suite).
 - Once done with code changes (with new test cases) – commit and push changes to the feature branch.
 - Creating a pull request and have the changes merged with master (by reviewers).
 - Create Bamboo build & deploy plans and push new code (updated test suite) to PCF (Cloud Foundry) in E1/E2.
 - Reviewing others' code (unit test cases) before merging to the master branch.
 - Implemented Java API's Collections, IO and JDBC, Apache POI in WebDriver Scripts.
 - Extensively used **Page Objects** design and page navigation framework for readable test script and easy maintenance from developer perspective.
 - Configured **Selenium WebDriver, TestNG, Maven** build and created selenium automation scripts in java using **TestNG** prior to agile release.

- **Data intensive testing (ETL/BI):** Datastage, Tableau
 - Create Datastage jobs to extract, transform and load data to and from various heterogeneous data sources e.g. Oracle, SQL Server, Gemfire cache – using IBM Datastage.
 - Write custom SQL Queries to process data from various data-sources and load into database owned by the team.
 - Integrate *Datastage Jobs* with Control-M (BMC Workload Automation) to run on a scheduled basis to provide data for testing/automated test suites in time.
 - Develop Tableau-based data dashboards which are then used by Business team to take data-driven decisions.
 - And example of the recent project I developed from scratch, from architecture perspective is stated below:



- **RPA Testing:** BluePrism V5
 - Develop end to end automation solutions for clients as per requirement which involves feasibility study, designing architecture, development, testing and deployment of automation.
 - Creating RPA Automated Solutions for business processes using BP business objects and processes. It involves automating & interfacing various windows, web and mainframe-based apps.
 - Experience in staging and deploying the automation solution into test and live environments.
 - BP Environment: Blue Prism 5.0, SQL Server, MS Excel, MS Access, WebServices.
- **Release Testing: Combination of Tools, Manual at times.**
 - *Performing Release Testing (End-to-testing) using a combination of tools used during Sprint Testing, and manual testing where automation is not possible. Exploring tools for some areas e.g. Mainframe Testing (RPA tool BluePrism does the job, not 100% automated yet).*
 - Attend and lead Show-n-tell meetings for each user story, from testing perspective.
 - Coordinate with developers and record defects in JIRA to track/retest until they are resolved.
 - Develop SQL Scripts for Backend Testing to ensure that the data is updated as per the Business Rules.
 - Perform Regression testing on new builds and every modification in the application using **Selenium WebDriver**.
 - Back End Testing using UNIX Utilities and automated Regression Testing using Corn scripting.
 - Responsible for Release Testing.
 - Involved in Offshore co-ordination, work assignment, query resolution, and work product reviews.
 - Guiding and helping out UAT team to define and perform testing.

Additional Concurrent Initiatives:

- Responsible for architecting and implementing CA Service Virtualization (tool) across multiple Projects which includes, but not limited to, exploring and defining various 'field of use' in different work-streams, and implement SV to eventually reduce/eliminate the dependency on third party apps, and/or upstream systems.

- Responsible for laying out AWS migration strategy for an on-prem Application which currently relies on various third-party tools and in-house developed Java-intensive components. The task includes performing various POCs around AWS S3, RDS, Direct Connect, RedShift, Athena, and AWS Data Migration Service to gauge the best possible architecture for migrating the "on-prem" application to AWS.

Employer: Accenture LLP

Employer Location: Phoenix, AZ & Mumbai, India

Job Title: Sr. Quality Assurance Engineer/Sr. Software Engineer

Start Date: June 2009 – Feb 2017

Client: American Express

Project Execution Model: Agile – Scrum Development Framework

“ABC” was a project to automate bonus calculation and fulfillment capability within the US Loyalty platform of the Organization. The aim of ABC was to facilitate:

- Flexibility and scalability in campaign planning, preparation and execution.
- Flexibility in eligibility, calculation and fulfillment of CM behavior
- Timely bonus feeds to the fulfillment platforms

My responsibilities Included, but were not limited to:

- Created Java-based Test Automation Framework using Selenium and TestNG. The Spring Batch automation framework is integrated with Jenkins; and embedded Selenium Tests run on SauceLabs. SauceLabs servers allow Selenium Tests to run on multiple browsers and OSs. Jenkins build is piped into Project CD/CI Pipeline using XL Release (XL Release is a CD/CI Tool used in my portfolio).
- Developed Automation Test Suite for REST APIs using SoapUI → Jenkins → XL Release.
- Virtualized Rest APIs using LISA → Jenkins → XL Release.
- Performed Automated UI Testing (Selenium Scripts) by enhancing the scripts developed by me in earlier initiative.
- Performed Automated Sprint testing for each of the user stories taken by each of the developers in the scrum team.
- Performed Release Testing and Performance Testing for the project as a whole.
- Defined Tasks for each user stories, testing related.
- Defined Test approach, Test dependencies, Test data, Test Cases, Test data Scenarios.
- Provided Valuable inputs to the business team for enhancement of the existing application.
- Knowledge transfer to the peers about customization and maintenance of automation test cases and configuration file.
- Coordinating with E2E Test Team for upstream and downstream data requirements.

Client: Bank of America

Project Execution Model: SDLC

Project Description:

Project “XYZ” was a huge initiative that involved an in-house developed internal application. It required multiple Technology Teams across Tech Orgs of the Bank to work together in synchrony and leveraged various technologies including Java (front-end), Mainframe, Databases (DB2, Oracle, SQLServer) among others.

I had performed below duties during the course of the Project:

- Built Efficient, reusable and accurate Hybrid (Keyword + Data driven) Automation Framework using UFT/QTP.

- Identified the test cases to be automated and performed data driven testing and GUI Check Points using QTP and enhanced the overall functionality of the application.
- Reusable scripts are built using Descriptive Programming.
- Created reusable user defined functions and stored them as function libraries (.qfl files)
- Maintained and updated the scripts for every release either by updating the object property value for a specific object or by adding new objects to object repository.
- Handled run errors using On Error Resume Next concept.
- Created Recovery scenario for trigger events.
- Imported and exported data from and to Excel to and from QTP.
- Used Parameterization in QTP extensively to perform Data-Driven testing.
- Extensively work with checkpoints, Regular Expressions and Object Repository Administration extensively in QTP.
- Customized Result using Reporter. Report Event concept.
- Experienced in trouble-shooting various problems (using debug viewer, print log and msgbox) during design & Development phase of automation scripts.
- Developed SQL queries to insert and retrieve test data from database (MS SQL server) in a test script to validate data
- Done Extensive and complex backend testing for the complete flow
- Created user defined External environment variable (.xml).
- Run QTP test script using AOM (Automation object model).
- Setting Test plan and Test Lab in the Quality center for the projects to create and access requirements, defects, test cases and reports for the status.
- Created and executed detailed Test automation test cases with step by step procedure and expected results and maintained the test logs, test reports, test issues, defect tracking using Quality Center.
- Valuable participation in building up the Hybrid driven framework across the projects.
- Designed Data-driven framework to do Functional, Regression and smoke testing on the customer's registration forms
- Responsible for maintaining the Object repository and test case and test steps excel sheet used for the automation testing.
- Done Extensive and complex backend testing (IBM data studio) for the complete flow.
- Building reusable Common/Generic/Global functions/Methods for the Automation framework.

Education

- College Name: ABES Engineering College, Ghaziabad, India
- Degree: Bachelors in Electronics & Communications Technology
- Major: Electronics & Communications. Year graduated: 2008

Certifications/Achievements

- AWS Certified Solutions Architect – Associate
 - License EKMBEDT1D144Q3K2
 - Certificate URL: http://mohitkaushik.com/certificates/AWS_CSAA.pdf
- AWS Certified Developer – Associate
 - License: ELMNX4FKDBR4QW9L
 - Certificate URL: <https://s3.amazonaws.com/mohitkaushik.com/certificates/AWS+Certified+Developer++Associate+certificate.pdf>
- HP ALM Lifecycle Management 11.5 Certification from HP
- C/C++ Certification from SGA, San Jose
- Certified Test Engineer Certification – Accenture Organization-level Internal Certification
- Received ACE Award – Individual category from Accenture (Highest level of appreciation in Accenture)
- Completed ASDA Certification – An internal Accenture –MIT Collaboration certification for Testing.