

Mobile - +91-9910035773 (India)

Email – ashish015.jss@gmail.com

Company – 360Logica Software Testing Services Noida (Saksoft Limited)

ASHISH KUMAR SINGH

TECHNICAL LEAD

A dedicated, self-motivated Test engineer with wide industry experience of testing systems using a wide range of tools and technologies.

EXPERIENCE OVERVIEW

- **9+ years of Manual /Automation/API and ETL testing** experience in the Insurance, e-Commerce, Health, Public Sector, Finance, Retail Sector.
- 6+ years of experience in **Agile testing using SCRUM methodology**.
- Good Experience on **Keyword Driven, Data-Driven and Hybrid automation framework**.
- Proficient in automation testing using **Selenium Webdriver,Ranorex, TestComplete, Junit/TestNg, Maven, Ant, Jenkins, Hudson, Page Object Model(POM)** design pattern with Page Factory in continuous Integration/continuous development environment.
- **Good knowledge of Java and Python**.
- Extensive experience on TDD and BDD Automation framework : **Cucumber and Jbehave**
- Good experience on repository tools : SVN ,Perforce, **Git and GitHub**
- Extensive experience in testing REST API's using **POSTMAN**,Jmeter and **RESTAssured**.
- Extensive hands on experience in creation and execution of test scripts for Functional testing, Sanity Testing, Smoke Testing, System Integration testing (SIT), User Acceptance Testing (UAT), Regression testing, exploratory testing, Operational Acceptance Testing, End to End Testing, Business Process Testing, System Testing and Risk-Based testing.
- Extensive experience in Backend Testing and testing Frontend applications.
- Experienced in designing Test plans, Test strategies, Test Completion Reports, Test Execution Progress Reports, Producing Defect Reports, Test Estimation Report, Managing Mitigation and Issues, Collecting Test Measurements and Metrics
- Extensive experience in deriving Test Conditions, preparing Test Data, performing Test Data Validation, Preparing Test Cases, Defined the Test Entry Criteria & Test Exit Criteria and reviewed the test cases and other test artifacts.
- Excellent Knowledge on Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC), Testing Methodologies (Test Driven Development) TDD and Behavioural Driven Development (BDD).
- Extensive working experience in using SQL Server, MongoDB, MS SQL and SQL Server Management studio for database testing.
- Extensive experience in using tools like HP QC (Quality Centre), HP Application Life Cycle Management (ALM), TestRail, Bugzilla, JAMA & JIRA.
- Having experience on ETL Testing,SSRS,PowerBI report testing
- Extensive experience of REST API performance testing using JMeter tool.
- Experience in testing applications deployed on cloud environment (AWS & Azure).
- Extensive experience in testing digital Web & mobile applications.
- Good experience on cloud-hosted, web and mobile application automated testing platform : BrowserStack and SauceLab
- Having good experience on Native, Web and Hybrid Mobile apps for Android device using **Appium** tool.
- Extensive working experience on different IDE tools : Eclipse,IntelliJ and NetBeans
- Good working experience on Windows (XP/7/8/10), MAC , Linux and Unix

Project Details :

AegonLife

Feb 2020 -Current

Aegon Life Insurance Company is an Indian life insurance company, founded in 2008 with headquarters in Mumbai, India.

As Aegon, we are present in more than 20 countries in the Americas, Europe and Asia. In the US, we are market leaders, and well known for our iconic skyscraper that is a landmark of the San Francisco skyline. We began operations 173 years ago, and today, we have 30 million customers, more than 29,000 employees and manage investments worth 743 billion Euros.

Domain: **Insurance**

Role : **Test Automation Lead**

Platform: Web Application

URL: **<https://www.aegonlife.com/>**

Tools: RestAssured, Selenium Web Driver (3.141.59), Java, TestRail, Jira, Jenkins, Confluence.

Responsibilities:

- Review requirement and workflow from Confluence tool.
- Worked in scrum environment.
- Created Keyword driven framework using Selenium Webdriver, Maven, Java, TestNG and RestAssured.
- Automated regression test cases for Functional testing
- Bug reporting in JIRA.
- Creating API scripts using existing framework.
- Debugging and Running Tests and Analyzing Test Results.
- Developing and maintenance of automaton test scripts.
- Automated Smoke, Acceptance and Regression Testcases for API
- Implementation of Jenkins for Continuous Integration.
- Used version control : GitHub
- Integrated Automation framework with TestRail Test Management tool.
- Reviewed automated test cases of team members.

Medavante (USA)

Oct 2019 –Feb2020

MedAvante-Pro Phase is a leading global clinical data services company. Who offerings include the Virgil Investigative Study Platform and scientific risk-reduction services – including Rater.

Qualification and Certification, Independent Review and remote Independent Ratings – to support clinical trials of treatments for central nervous system (CNS) and other disorders.

Domain: Health Care

Role : **Test Automation Lead**

Platform: Web Application

Tools: Selenium Web Driver (3.0), Java, Jama Solutions, Jira, Jenkins, Confluence, Cucumber.

Responsibilities :

- Review requirement and workflow from Confluence tool.
- Worked in scrum environment.
- Functional automation testing using **Selenium Web driver with Java, TestNG.**
- Bug reporting in JIRA.
- Creating Test Scripts using Selenium Web Driver.
- Debugging and Running Tests and Analyzing Test Results.
- Execution and updation of test scripts.

- Smoke and Regression test plan execution using automation scripts.
- Involved in ETL testing manually.
- Developed BDD framework for ETL automation framework using **JAVA, Cucumber and Maven**
- Automating ETL test cases using framework

NCC (Nottinghamshire County Council), UK

May 2018 – Sept 2019

The project involved development and testing of an enterprise Data Warehouse for Nottinghamshire County Council which would be fed by data from different source systems, with each system being different in nature and functionality. Reports/Dashboards were then built from the warehouse which are used by end users for analysis. The project used MSBI tools for end to end process, with SSIS being the tool for ETL and SSRS for reporting. Power BI was used for Dashboards creation. Sharepoint (Called BI Hub) was used as the front end to hold the reports and dashboards.

Role: **Senior Test Engineer**

Responsibilities:

- Worked on validating the source to target mappings which involved integration of data from various systems and then loading the data into the DWH.
- The testing involved validating and testing the data feeds, verifying the results and logging of test cases.
- More than 500 ETL packages, approximately 350 reports and around 15 dashboards were tested to make sure that the integrated data was available as expected.
- A thorough system testing was done prior to go live to make sure that the integrated components worked well together.
- With SQL Server being the target system and Oracle being the source, the testing was done using several combinations of SQL queries.
- JIRA was used to record defects and resolutions.

Adaptive Insights, USA

June 2016 – May2018

AI is the worldwide leader in on-demand budgeting, forecasting, reporting, consolidation, and visual discovery solutions for companies of all sizes.

Role: **Senior Test Analyst**

Responsibilities:

- Derived test cases for user stories based on the acceptance criteria.
- Performed Functional Testing, System Testing, System Integration testing, Risk Based Testing, UAT Testing, Regression Testing & exploratory testing.
- Performed REST API's testing using POSTMAN. Prepared & maintained test data (JSON payloads).
- Prepared the test data, validated the Test Data and reviewed the test cases.
- Executed the tests, logged the defects, retested the defects and maintained the Regression Pack.
- Worked closely with DevOps team in setting up the environment for testing.
- Participated in Sprint Planning, Design meeting, Grooming meetings & Sprint Retrospective.
- Prepared Test Plan & Test Completion Reports.
- Prepared test data (SQL scripts) for Business Intelligence component.
- Performed database testing for Business Intelligence Component by updating and verifying the data in database by writing & executing SQL queries.
- Escalated the project risks and issues to the manager.
- Build deployment on Docker environment.
- Designing of the Page Factory automation framework in **Selenium Webdriver using JAVA,TestNG** and Maven build tool
- Developing and maintenance of automaton test scripts.
- Automated Smoke, Acceptance and Regression Testcases
- Implementation of Jenkins for Continuous Integration.

- Used version control : Git and GitHub
- Integrated Automation framework with TestRail Test Management tool.
- Reviewed automated test cases of team members.
- Bug Reporting in JIRA and BugZilla
- Daily run scripts on Sauce Lab cloud environment

Environment: Windows OS, JIRA, Confluence, Selenium Webdriver, POSTMAN, Slack, Jenkins, Docker.

Tryzens, UK

Mar 2014 – May 2016

Tryzens has been trusted by retail's biggest names to plan, implement and maintain eCommerce and Retail Solutions that drive business performance, and to develop multichannel retail experiences that customers love.

Role: Senior Test Engineer

Responsibilities:

- Derived the test cases for user stories & worked closely with the PO & developer in defining the acceptance criteria for the user stories.
- Performed System testing, System Integration testing, Risk Based Testing & exploratory testing.
- Prepared Test Strategy, Test Execution Progress Reports & Test completion reports.
- Executed the tests, logged the defects, retested the defects, attended the Defect Triage Call and maintained the Regression Pack.
- Participated in Sprint Planning, Design meeting, Grooming meetings & Sprint Retrospective.
- Designed the Hybrid automation framework in **SeleniumWebdriver using Python**
- Designing and script creation in Python for different modules.
- Maintenance of automation scripts with application changes and execution.
- Automated build deployment process in Jenkins CI tool
- Worked in Agile Development Environment
- Used version control : Perforce

Environment: HP ALM 11.00 (Application Lifecycle Management), PL/SQL Developer, JavaScript, AWS, UNIX, Oracle 11g, MySQL, AWS, JIRA, Zephyr, Windows OS, SharePoint, WinSCP, FileZilla, TestComplete.

Upwork, USA

Dec 2013 – Feb 2014

Upwork, formerly Elance-oDesk, is a global online work platform where businesses and independent professionals connect and collaborate remotely. Now In 2015, Elance-oDesk was rebranded as Upwork.

Role: Senior Automation Engineer

Responsibilities:

- Derived test cases for each user story based on the acceptance criteria and also worked closely with PO & Developers in defining the acceptance criteria for the user stories.
- Wrote test cases by referring to the Mapping Document, Schema guide, Logical Data Model, Physical Data model, US user guide.
- Performed Functional Testing, System Testing (ST), Exploratory Testing, Risk Based Testing & System Integration testing.
- Executed the tests, logged the defects, retested the defects, produced Defect Reports & attended the Defect Triage Call.
- Executed and fixed the automated regression test scripts.
- Escalated the risk to the Test Manager & Project Team.
- Attending the Sprint Planning, Design meeting, Grooming meetings where I am responsible in

- estimating the backlog stories with the team.
- Prepared Test Strategy & Test Plan.
- Participated in Sprint Planning, Design meeting, Grooming meetings & Sprint Retrospective.
- Derived the test cases for user story based on the acceptance criteria.
- Performed functional testing, Regression testing & Exploratory Testing on Android, Windows & IOS devices (mobile/tablet).
- Executed the tests, logged the defects & retested the defects.
- Executed & fixed the automation test scripts.
- Performed REST API's testing using POSTMAN. Prepared & maintained test data (JSON payloads).
- Retested the defects, logged the defects & performed defect reporting.
- Created CI/CD pipeline Jenkins jobs for continuous testing
- Designed the Data Driven automation framework in **C# using Ranorex**.
- Automated acceptance test cases of User Portal websites
- Designing and script creation in C# for different modules.
- Handled the continuous integration process using Jenkins with existing automation framework.
- Performed performance testing of REST API using Jmeter tool.
- Remotely worked with multiple teams: Ukraine, Pakistan, US and India and coordinated with teams at different time-zone.
- Used version control : GitHub
- Performed Security Testing of the application to identify security vulnerabilities using OWASP ZAP tool.

Environment: HP ALM 11.00 (Application Lifecycle Management), PL/SQL Developer, UNIX, iSQL plus, Oracle 11g, Heidi SQL, MS/Visio, MySQL, Jenkins, JIRA, Zephyr, BrowserStack, WinSCP, AWS, Active Directory, Angular JS, CSS, HTML, Apache Directory Studio Version: 2.0.0.v20130628, Mac OS, Windows OS, ASP.NET, Jmeter, Ranorex using C#.

Clarion Housing Group (Circle Housing), UK

June 2012 – Nov 2013

An application, that takes care of all repair work on property under it. Repairs get added to system and passed to contractor by assigning trade with priority. Appointments with surveyor gets booked who look into the repair work before work is being carried out. Appointment with contractor is also gets booked so that repair work can be carried out by first setting up coordination with person at property.

Role: **Senior Test Analyst**

Responsibilities:

- Involving in Gathering and Analysis of the requirement of the project and do the impact analysis for **Orchard Vanilla** project.
- Keep track of all the requirement in the project documents as well as in the application.
- Involved in Unit testing, Smoke, Sanity, System integration testing and Regression testing of the developed code.
- Co-ordinating with on-shore team and helping them to execute the UAT test cases.
- Responsible for evaluating data mapping, data Integrity and Business rules in terms of database.
- Worked with cross functional teams to test the cross functional stories.
- Worked closely with PO's and Developers in a continuous Integration environment using Behavioral Driven Development methodology (BDD).
- Automated the Test Suites using **Selenium WebDriver, Gherkin/Cucumber**, Java, Maven, and Serenity using Page Object Model Design Pattern with Page Factory.
- Automated Mobile based test cases using **Appium JAVA** for Android and iOS mobile device.
- Daily run scripts on BrowserStack cloud environment
- Exhaustive testing in RestFul API using JMeter on AWS environment leading to finding the bottlenecks

- Used repository tool: GitHub
- Automated build deployment and continuous testing process on Drone CI.

Environment: HP ALM, Microsoft Team Foundation Server (TFS), Active Directory, SQL Server Management studio, Azure, VMware vCenter Lab Manager 4.0, AWS, Windows OS, Mac OS, Microsoft Visual Studio .NET, C#, MS Test Manager.

Colt, USA

Sep 2011 – May 2012

Colt Technologies are undertaking an automated system implementation to ease sale process in respect to Pricing and Quotation thereby reducing communication delay between the Sales team and customer.

Role: **Test Analyst**

Responsibilities:

- Coordinated with the offshore team for test execution and the test progress.
- Prepared Test Plan, Test Estimation report & Test Strategy Report.
- Analyzed the Business Requirements and identified the scenarios.
- Prepared the Test Plan, Test cases & Test data and executed Test cases in Quality Center.
- Retested the defects & performed Defect Reporting.
- Performed Operational Acceptance Testing.
- Coordinated with the offshore team for test execution and the test progress.
- Designed the TDD/BDD automation framework in **Jbehave Selenium Webdriver** using **JAVA** for CPQ project which is based on Microservices based architecture
- Used JUnit for reporting
- Automated Smoke, Sanity, Acceptance and regression test cases
- Integrated test suite with Hudson CI tool
- Involved in bug reporting on JIRA and preparation of bug report.
- Involved in the maintenance and execution of automation suite.
- Initially Worked with multiple teams from various companies (Virtusa, Wipro, Cognizant and TechMahindra) and rest of the work was delivered from a remote location.

DocureHab, USA

March 2011 – Aug 2011

DocureHab is the ONLY EMR system to allow user collaboration. Through the publishing feature, users are able to share treatment techniques, forms and questionnaires, tests, exercises and protocols.

Role: **Software Test Engineer**

Responsibilities:

- Assisted with day today risk and issue management.
- Involved in Preparation of test plan and test scenarios.
- Involved in Preparation of traceability matrix.
- Involved in Preparation of test cases by covering the entire product functionality.
- Involved in updating the test cases to the latest enhancements/requirements of the database.
- Designed the POM based Data driven automation framework in **Python** using **Selenium Webdriver**
- Involved in bug reporting on Mantis and preparation of bug report.
- Performed manual Accessibility Testing and using tool : AChecker
- Prepared SQL scrips for DB testing and run on MongoDB database.

Environment: MongoDB, Selenium, SharePoint, Windows OS, Python.

jBilling, USA

Nov 2010 – Feb 2011

jBilling's mission is to provide a robust, secure, open source alternative for enterprise billing. With our world-class service team, help companies all over the world deploy and maintain billing solutions to meet their business needs.

Role: **Test Engineer**

Responsibilities:

- Test Planning and define strategy for testing.
- Client Interaction for Requirement gathering and Queries.
- Designed the automation framework in **VB Script on TestComplete**
- Creation of scripts for the application.
- Automated integration and functional test cases using existing tool
- Run scripts for each release
- Handled the continuous integration process using Jenkins with existing automation framework.
- Helped Dev team in Unit testing
- Deployed the application over Microsoft Azure cloud environment.
- Used SVN for version control.

Environment: Test Director 8.0, SharePoint, Windows OS, Oracle 10g, Java,JSP.

QUALIFICATIONS / AFFILIATIONS

- **Master of Computer Applications (M.C.A)** from JSS College Noida (UPTU University), India

Address: G-10048 , 16th Avenue Gaur City-2 Greater Noida (West) 201009