SANDEEP KUMAR SINGH

Senior Test Analyst in Collabera Krakow (Poland)| EU Blue Card Holder

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An ISTQB certified highly competent Senior Automation QA Analyst with 8+ years of Software Testing experience (including 2 Years in Poland), which has been carried out on large scale projects, across multiple industry sectors. Selenium WebDriver, JAVA, TestNG, Katalon Studio team leading and training. Proven ability in Selenium WebDriver automated testing and Frameworks design, BDD, Functional Testing, API Testing, Sanity, E2E, Regression Testing. Excellent experience in each phase of Test Life Cycle, Test strategies & Test Plan. Solid experience of Software Development Life Cycles , Automation Testing, Cucumber, Java, Maven, Web Applications, JIRA, RTC, SQL, Agile Scrum methodologies, Finance/Banking Domain, Automation & Testing tools.

AREA OF EXPOSURE:

- Expertise in Web Application Automation Testing, BDD, Different types of Automation Frameworks,Automated API Testing (RESTFUL API), Functional Testing, Sanity Testing, Smoke Testing, Compatibility Testing, Regression testing, Integration testing, Test Planning, Test Coordination and Test Management.
- Presently working as Senior Test Analyst in Collabera Poland at client site for HSBC Bank, Krakow.
- Good experience in development and implementation of **TDD Automation Test Frameworks** which include feature like Data Driven Framework, Keyword Driven Framework, Hybrid Framework **and BDD Automation Framework(CUCUMBER)** as well.
- Exposure to testing Web Based Applications, Mainframe, Databases, Test Management.
- Major activities through different endeavour involved Business Requirement Analysis, Troubleshooting & Defect Management, Scoping, Scripting & Execution, Configuration Management, Deployment test support, UAT and Sign off.
- Good understanding of Banking/Financial systems testing throughout testing life cycle.
- Expertise in Front-End Automated tools like Selenium WebDriver with Java, Cucumber, TestNG, Maven etc. and Backend Automation tools like RestAssured, HtmlUnit etc.
- Good experience in Preparing estimates and Test Plan.
- Possess sound knowledge of working on HDFS Architecture & Cluster.
- Experience in a testing 3-tier architecture, Web-based Applications.
- Good experience in analysing changes and identifying areas of the application to be Regression tested.
- Good knowledge in Quality Standards like I.S.O, C.M.M, and Six Sigma.
- Team player, highly productive, Commitment and Result driven in team and Individual Projects.

WORK EXPERIENCE :

COLLABERA POLAND (*April 2019- Till now*)
Senior Test Analyst

INFOSYS TECHNOLOGY LTD. (*Aug 2016- Mar 2019*)
Test Analyst

TATA CONSULTANCY SERVICES (*Oct 2011- July 2016*)
IT Analyst

EDUCATION:

Master of Computer Application
KIIT UNIVERSITY ODISHA

(2008-2011)

Bachelor of Science
KANPUR UNIVERSITY

(2005-2008)

TECHNICAL SKILLS:

Automation Skills, Frameworks & DevOps Skills	Selenium WebDriver,TestNG, Maven, GIT, BDD(CUCUMBER),Advance Automation Reporting tool(ExtentReport),Selenium Grid,AutoIT, Sikuli, TDD Frameworks(Data driven, Keyword driven and Hybrid Frameworks), Page Object Model, Jenkins, SauceLabs,BrowserStack, Docker
API (Backend) WebServices Automation	REST Assured, HttpClient, Gson, SimpleJson, Jackson, SOAP UI, JSON, XML, JMETER, Swagger, POSTMAN, Katalon Studio
Methodologies	Agile (SCRUM), Waterfall
Database	Oracle (8i, 9i, 10g, 11g, 12c),MySQL
Cloud	Amazon Web Service (AWS) - EC2
Operating System	Linux, IBM AIX, HP UNIX, UNIX Ware, Windows ('NT,'00,'03,'08,'12,'14,'16)
DB Utilities	Toad, PL/SQL Dev
Programming Languages	JAVA
Software & Methodologies	SQL/PLSQL Script, Shell Script, HTML
Defect Tracking tools	JIRA, Bugzilla, HP Quality Center
Software Testing Methodologies	Black Box Testing, User Acceptance Testing (UAT), Smoke Testing, Regression, Automation, Web Services, Big Data Testing, System Integration Testing, ETL Testing,
QA Management Skills	Test Plans, Test Cases, Test Strategies & Coverage

PROJECTS:

HSBC FCR (Financial Crime Risk) *April 2019- Till Now (Krakow, Poland)*

Description: HSBC FCR ILOPS is designed to optimise KYC, AML, Fraud and Sanctions
Screening operations with the intent of managing risk more effectively and efficiently by
- Driving a risk-based approach for regulatory needs,
- Leveraging market-leading technology and solutions.
- Design and deploy a robust yet flexible Risk Management platform that moves from Robotics to Machine learning.

Role: Senior Automation QA Analyst

Responsibilities:
- Involved in creation of BDD test automation framework using Selenium-Page Object Model design pattern and Java, CUCUMBER, Selenium WebDriver, Selenium Grid, MAVEN ,TestNg/Junit .
- Setup the test infrastructure - the test case management system, continuous integration system and the best practices for automation.

- Designed and Implemented automation framework for RESTFUL API web services using RestAssured.
- Added value to the High-Performance pricing project by developing automation test scripts under Agile Scrum methodology.
- Creation and maintenance of Automation Framework using Selenium and execute the Automation suite on weekly basis and publish the results to all the stakeholders.
- Active participation in smoke testing for REST API services for sprint release.
- Estimating the user stories, tasks for Sprint/Release.
- Active participation in Bug triage meetings.
- Work directly with the development teams to support both Agile & test driven software development lifecycle methodologies.

Environment: Java, Selenium WebDriver, Cucumber, Eclipse, Maven, GIT-Hub, Mongo DB,Jenkins, Docker, RestAssured

UBS Risk Analytics   *January 2018 – March 2019 (Krakow, Poland)*

Description: Risk Analytics is a core analytical engine and associated infrastructure within UBS used to compute Counterparty Risk Exposure and Credit Valuation Adjustments. Risk Analytics' technology backbone involves a Sourcing engine with core Oracle DB and C# . Net layer. The core layer is associated Grid Computing technology and the Reporting layer core Oracle DB and C# .Net layer. Infosys provides Test Environment support services to Risk Analytics in Poland and a host of geographical locations in UK and India.

Role: Senior Test Analyst

Responsibilities:
- Involved in designing of Automation Framework (End to end) for different UBS's Single Page Applications (SPA), BackEnd API Automation (CRUD/ REST operations).
- Build and maintain a Hybrid test framework which can be used for performing both front-end and back-end tests.
- Create and execute Backend Automation scripts using RestAssured with Java.
- Test Estimation and Test Preparation.
- Perform E2E System-Integration testing which included Functional Testing.
- Maintenance of Scripts and Regular Update as per the Changes
- Analysis of Script results.
- Report, verify and close the defects. Regression testing manually as well as automation.
- Defect Management using Quality Center.
- Perform peer review / SME review for the Test Cases.
- Attending Triage call from our team with the client to discuss test progress and issues faced
- Preparing KT documents and training team members on complex functionality.

Environment: Java, Selenium WebDriver, Eclipse, Maven, GIT-Hub,SQL , Mongo DB, Jenkins, Azure, RestAssured, Katalon Studio

CITI CPB(Core Private Banking) (*Feb' 2017 – Dec' 2017)(Pune, India)*

Description: CITI Bank is a US Banking organisation works on Retail banking, CORE banking, Private banking, Corporate Banking, investment banking services and financial advisory to the customer. This application allows CITI to manage employee financial benefits. Application has rich user interface and batch processes as well.Project involved developing and maintaining the automated regression test suite using Selenium for 80 % of functional test cases (1000 test cases).

Role: Test Analyst

Responsibilities:

- Analyse client requirements and business process
- Automation Feasibility analysis based on Manual Test cases and Requirements.
- Implemented progressive automation strategy to achieve 80 % of automation.
- Create and execute automation scripts using Selenium WebDriver and Cucumber Tool with Java.
- Involved in implementation of Hybrid Framework.
- Streamlined work allocation and implemented process to reduce escaped defects
- Create/execute test scenarios, test cases covering all functionalities
- Maintenance of Scripts and regular update as per the Changes.
- Actively involved in preparing test data for framework.
- Analysis of Script results
- Report, verify and close the defects.

HSBC Universal Banking (*Aug' 2016 – Jan' 2017*)(Pune, India)

Description: HSBC Universal Banking software written to perform banking calculations for the HSBC group. This software is used by all HSBC group members. It contains all banking modules. HUB is a multi-currency, multi-entity, a multi-language system that supports the Group's banking activities in virtually any country. HUB covers the area in Credit Card, Relationship Manager, Credit Scoring and Sales. HUB covers 61 countries.

Role: Test Analyst
Responsibilities:

- Analyse client requirements and business process
- Customer interaction related to requirement elicitation
- Create/execute test scenarios, test cases covering all functionalities
- Perform E2E testing which included Functional Testing
- Create and execute automation scripts using Selenium Webdriver with Java.
- Implementation of Parameterisation and perform Data Driven Tests
- Maintenance of Scripts and regular update as per the Changes
- Analysis of Script results.

Ericsson Salesforce application for US based telecom company (*Jun' 2013 – Jul' 2016)* (Mumbai, India)

Description: This project involves Salesforce application for Telecom Company. Application is cloud-based which is deployed on Salesforce and MySQL is used for backend. Project has modules for Account Management, Order Processing, Invoicing, Usage Summary etc. REST APIs are used for communication with third-party systems e.g. Inventory System, Billing System, Work Force Management System etc. TCS have done functional testing for this project on different modules.

Role: Senior Software Quality Analyst

Responsibilities:

- Test Estimation and Test Preparation.
- Perform E2E System-Integration testing which included Functional Testing.
- Test Execution for New Functionality across Ordering, Provisioning and Billing systems.
- Regression testing manually as well as automation.
- Defect Management using Quality Center.
- Perform peer review / SME review for the Test Cases.
- Attending Triage call from our team with the client to discuss test progress and issues faced.
- Preparing KT documents and training team members on complex functionality.

Ericsson Combined Services for new business, USA (*Oct' 2011 – May' 2013)* (Mumbai, India)

Description: This project designed for a US Based group insurance service provider. The CSINE is a web-based intranet application that helps CSI employees to create new group insurance profiles and associate them with certain insurance products. The CSINE also acts as a media between the insuring groups and the insurance carriers. The application provides a means for commission accounting which allows tracking the commissions among its role players like producers, home office employees and BCBS executives.

Role: Software Quality Analyst

Responsibilities:

- Reviewing the test plan & Design document
- Understanding the requirements and business of the application.
- Performing Manual Testing on the functionality of the application.
- Creating Test Scenarios, Test Cases, and Test data for the application.
- Executing Test Cases and Generating Test summary Reports.
- Testing activities included Functional, Re-testing, Regression, System and Acceptance Testing.
- Raising and Reproducing Bugs.

CERTIFICATIONS:

- ISTQB (International Software Testing Qualification Board)
- INFOSYS Risk and Compliance – Banking domain level– 2017.
- INFOSYS IVS Oracle SQL
- INFOSYS IVS UNIX

AWARDS & ACHIEVEMENTS:

- Awarded Star of Testing for the work on Ericsson CSINE Project.
- Key member of team that was awarded Best Team and Best Business contribution Team Award
- Have consistently received appreciation from the client for the work done on the web modules on testing front.
- Have been appreciated for being adaptive and dynamic in undertaking responsibilities based on the project demands.

LANGUAGES:

English (Advanced)

Hindi (Native)

DECLARATION:

"I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process under the Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and Repealing Directive 95/46/EC (General Data Protection Regulation)".

"I also consent to process of my personal data for the purposes of any future recruitment processes".