***Vijay Kumar Sah***

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### SUMMARY:

Seasoned professional, over 11 years of experience in Software Quality Assurance and Development. Around 6 years of relevant experience in Automation Testing. Specialized in Test Automation with hands on experience using Python, Squish and PyCharm. Good understanding of Agile and DevOps methodology for Insurance, Retail, BFS and Airlines domains. Team handling experience in delivering applications across Python and Java.

### KEY AREAS:

* Around 4 years of working experience in developing, modifying and enhancing test scripts in **Squish IDE** using **Python** programming
* Around 3 years of working experience in creating and maintaining build and release pipeline in **Azure DevOps (ADO). AZ104** (Azure Administrator Associate) certified
* Around 3 year of working experience in developing, modifying and enhancing test scripts in **Selenium** **WebDriver** using **Python**
* Around 1 year of working experience in developing, modifying and enhancing test scripts in **Visual Studio IDE** using **C#**
* Working experience in Web Service / API Testing using both manual and automation approach
* Around 2 years of working experience in **Unit Testing** and **Software Development**
* Good understanding in **Database SQL** query
* Working experience in **Performance Testing** using **JMeter**
* Good understanding in **Mobile Testing** (Android / iOS)
* Good knowledge on **BDD** and **pytest** Framework
* Working understanding in **CI** project using tools like **GIT / Azure DevOps**
* Good understanding in **Agile** and **Waterfall** methodologies of project development

### TECHNICAL SKILLS:

Languages: Python, C#, Java

Databases: Toad for DB2, Informix

Tools: Squish IDE, PyCharm, Visual Studio, Eclipse, HP ALM, GIT

### EDUCATIONAL QUALIFICATIONS:

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| --- | --- | --- | --- |
| **Qualification** | **Institution** | **Passing Year** | **Grade / Marks** |
| B. Tech. (ECE) | St. Thomas’ College of  Engineering & Technology | 2008 | 8.18 (DGPA) |
| Inter (12th) | WBCHSE | 2004 | 70.40 % |
| Matric (10th) | WBBSE | 2002 | 84.75 % |

### PROJECT DETAILS:

Project 1:

Client: Alaska Airlines | Team Size: 4 | Role: Automation Lead | Application: Crew Management

Tools Used: HP ALM, GIT, Squish using Python, Hybrid framework, Azure DevOps (ADO)

Description: Crew Access is an application used by the Pilots and Flight Attendants to get updates regarding the flights assigned to them for the upcoming days. Users can Trade, Pick, Drop and Swap flights as well based on certain conditions. JCTE Client is a desktop application for assigning trips to the Pilots and Flight Attendants as a scheduler.

Responsibilities: Team lead

* Leading the team in executing tests, debugging scripts, logging defects and proposing solutions
* Scripting, monitoring, executing and evaluating functional / API tests using Squish IDE, ADO
* Modifying existing scripts to include the application changes

**Project 2:**

Client: Credit Suisse |Team Size: 5 | Role: Automation Tester | Application: Credit Suisse EBVV

Tools Used: Selenium Web driver, Data Driven framework, HP ALM

Description: A project that involves the customer requests for access of online banking. The EBVV operation team uses the Hotline Screen to create online contracts for the customers. Every customer should have an Identification Number, which is mandatory for a contract creation. During online contract creation, the credit Suisse Operation team needs to select appropriate product and service as per the Customer requirement. Apart from new contract creation, the EBVV application allow Admin client to modify / delete user data and User Contract(s) based on the user request.

Responsibilities:

* Performing Requirement Analysis, test design and test execution
* Doing automation feasibility analysis, developing and maintaining automation scripts
* Automating web and mobile specific tests
* Performing performance test using JMeter

Project 3:

Client: Staples Inc.| Team Size: 4| Role: Service Tester | Application: Staples.com services - API

Tools Used: Parasoft SOA Test Tool, Star Team

Description: The project aims at replacing few existing functionalities in staples.com web site by deploying few services like Login Logout, View Profile, Update Profile, Personalization, Favorite List, Place Order etc.

Responsibilities:

* Analyzing Service Requirement Documents and Interface Control Documents for APIs
* Executing test cases using Parasoft SOA Test tool & logging defects in the StarTeam
* Retesting defects after fix and regression testing
* Preparing DSR & defect report and QA assessment report

Project 4:

Client: Staples Inc.| Team Size: 3 |Role: Manual DB Tester | Application: YOMS BR4.0 Feeds & Reports

Tools Used: Toad for DB2, Star Team

Description: Primary focus of this project is to build out the order capture and order management capabilities in the Sterling Commerce platform. The objective of this project is to validate reports created when order / shipment management data feeds (outbound) reach the downstream system.

Responsibilities:

* Analyzing requirement and design documents and writing test cases
* Preparing SQL queries to retrieve data from the database for validating the reports
* Preparing test data and updating database records , executing and logging defects

Project 5:

Client: The Hartford Insurance Company| Team Size: 4 | Role: Java Developer | Application: SBO - OBP

Tools Used: Quality Center, Eclipse

Description: The project aims at developing a self-service functionality for customers to provide ease of doing business with the Hartford. SBO (Small Business Owner) is the target customer group; OBP (Online Bill Pay) is application name. Primary functionalities of this application are authentication, navigation, bill payment. User has to register against their existing Account / Policy Number to access the OBP application.

Responsibilities:

* Analyzing the Business Requirement Document and developing business functionality
* Writing scripts and performing unit testing