SWAGAT NANDI

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Professional Summary:

- ➢ **Over 7.5+** years of experience as a **QA Automation Engineer - SDET**, extensively worked on Manual**, Automation, DevOps, Testing of Web Client Server, Database, API**, Webservices applications.

- ➢ Strong **automation script development** knowledge on **data load, database validation** and various **extract validation** like flat file, csv, excel files etc.

- ➢ Experience of Creating, Modifying and Maintaining new and existing Automation Framework Structures (**BDD**, **Hybrid, API, Data Driven Frameworks**).

- ➢ Proven ability in designing and creating automation frameworks using Java, **Selenium** WebDriver, Junit, TestNG, Maven, Jenkins, tools.

- ➢ Good knowledge on building **CI** pipelines for test application using **GIT, maven, Jenkins**.

- ➢ Strong knowledge on **JSON/ XML** validations using automation scripts.

- ➢ Solution and poc of various test automation flows.

- ➢ Good knowledge on automation of web pages using **selenium web driver, TestNG, Extent Report, POI, JDBC.**

- ➢ Expertise on Testing **REST API/SOAP** using **Rest assured**, **Postman** and SOAPUI.

- ➢ Worked extensively in **Agile**, ATDD and **Cucumber**.

- ➢ Worked in DevOps, installing, configuring and integrating Automation scripts on Continuous Integration tools **(CI/CD)** like Jenkins for **nightly** test suite execution.

- ➢ Expert in developing Behavior Driven development (BDD) by writing Gherkin language using cucumber tool, developed Scenarios, Scenario outlines, features and **Step definitions** and generating the cucumber reports

- ➢ Experience in installation and Administration of version control systems like **GIT** (Distributed Version Control**), GitHub.**

- ➢ Extensive experience in Black box testing, Functional testing, Integration testing, Regression testing, System testing, Build Verification testing, data mapping testing, data integration testing, E2E testing, Browser Compatibility testing etc.

- ➢ Good knowledge on Test Management tools like HP ALM (Application Lifecycle Management) and Rally.

- ➢ Good knowledge on **Pega** business process management flow.

- ➢ Involved in analyzing various business requirements, use-case documents and business rules.

- ➢ Actively involved in reviewing of test scripts, test cases and test execution evidences for accuracy and perfection.

- ➢ An ISTQB Certified Tester.

- ➢ Strong Knowledge on **insurance** domain, and complete End to End flow of insurance.

Work Experience:

- ➢ Working as **Senior Quality Engineer** in **United health Group** since July 2016.

- ➢ Previously worked as an Associate Consultant in **Capgemini** India Private Limited from March 2013 to July 2016

Skill set:

SCM	:	GIT
Build Tools	:	Maven
CI Tools	:	Jenkins
Unit Test Frameworks	:	TestNG
Reporting	:	Extent Report
Web Services	:	REST, SOAP UI
Testing Tools	:	Postman, Soap UI, Selenium
Defect Tracking Tools	:	Rally, ALM, QC
Script Languages	:	UNIX Basics, VB Script
Operating Systems	:	Windows 10, Windows 7
Languages	:	Java, C, C++, Unix, SQL Server, VBA

Educational qualification:

➢ B-Tech in Electrical and Electronics Engg from Biju Patnaik University of Technology, Odisha

Project details:

Project #1

Project Title : Medicare Administrative Plan System- Segmentation Plans

Tools Used : Sql Server 2016, Selenium, Java, REST, Soap UI, TWS, Visual Basic
Duration : December 2016 – Till Date

Role: Senior Quality Engineer
Technology: SQL server, Automation using Java, Rest Assured, Selenium web driver,
Project Description:
● MAPS is the central repository for data needs related to plan, Benefit & Group structure MAPS stores and facilitates the movement of data through various input loads and output extracts.

Responsibilities:
● Impact Analysis of Introduction of new feature to existing databases, input loads as well to output extracts.
● Solution design of automation validation of data tables, input loads, output reports to various downstream applications.
● Solution design of various data load validation flows.
● Automation of Webpages to display and process data.
● Validation of different web services and rest API using java and rest assured.

Project #2

Project Title : UHC Enterprise Migration Tool
Tools Used : Selenium, Java, Unix, Sql server 2014
Environment : Pega 7.1
Duration : August 2016 – Dec 2016

Role: Test Analyst Technology: Automation using Java, Selenium web driver, TestNG, Pega testing

Project Description:
- EMT Migration Tool created to schedule and control migration of customers data from one system to another and also to audit the migration process and manage the resulting errors.It also performs reporting of the migration lifecycle.

Responsibilities:
- Automation process validation of different migration flow.
- Automation validation of different flat file extracts using java
- Validation of different user stories using selenium.

Project #3

Project   :   One Claim, American General Insurance.
Tools Used   :   Application Lifecycle Management 11.5, PRPC,
Environment: Pega 7.1
Duration   :   April, 2014 – July 2016

Role: Test Analyst
Technology: Pega testing, manual testing
Project Description:
- AIG One Claim is a claim registering system that helps users to register claims across 25 different countries across the world. It is a Pega based application similar to Guidewire Claim-center. This application performs all the operation of claim flow starting from logging a claim to the settlement. It also allows users to settle these claims through proper payments/recoveries. One Claim is built on Pega 7.1

Responsibilities:
- Analysis of various requirements, use-case documents, business rules and Test planning.
- Reviewing design/ Execution for accuracy.
- Functional testing of various business flows of claim business
- Integration testing of front end to back end
- Data mapping test of various data elements, Localization testing of different modules of applications
- Maintaining test plan and test bed in QC and ALM

Project #4

Project   : Quote system, 21ST Century USA
Environment   : Web, Salesforce
Duration   : March 2013 to April 2014
Project Description:
Quality flow redesign system is an internet-based application that is meant for the customers to create and purchase online auto insurance of 21st century Company.

Responsibilities:
- Functionality testing of web-based application and backend application
- Data integration testing between Front-end and Backend application
- Testing of different phases through Quality center application
- Involved in browser compatibility testing

Date: 18-Jan-2021
Place: Hyderabad   **Swagat Nandi**