Swastika Soumya

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Having about 7.4 years of experience in Manual, Automation testing, API Automation, Database Testing in Web and Mobile Platforms and Generative AI, Machine Learning.

Objective:

- Seeking position as Software Engineer (QA) in the competitive information technology industry, to utilize my skills and abilities that offer professional growth while being resourceful, innovative, and flexible.

Professional summary:

- Having about 7.4 years of experience as a Software Quality Engineer in various applications for Web and Mobile.
- Having over 4 years of experience in Automation Testing with Selenium Web Driver using Java language in Eclipse.
- Implementation of Gen AI to enhance testing efficiency, save time and maximize scenario coverage.
- Work experience in using Python, Gen AI, NLP, SQL, LLM and frameworks i.e. Flask Fast API.
- Have been part of Generative AI LLM based applications/projects. Have backgrounds in team which was part of design, development, deployment of machine learning machine learning models for NLP tasks.

- Knowledge of version control system like GitHub. Working experience of Git, BitBucket, Sourcetree.
- Working experience of CI/CD tool i.e. Jenkins.
- Help in developing and further maintenance and writing of test cases using Automation testing framework (BDD i.e.Cucumber) for both Web and Mobile (Appium Framework) applications.
- Having about 3 years of Experience in Rest API, openAPI, SOAP with Postman, Ready API Tools.
- Perform all aspects of verification, including Functional, Regression, and System testing.
- Knowledge of Performance Testing using JMeter.
- Prepared, designed and led the Test Strategy and Test Plan for all projects; reviewed activities such as Requirements Review, Design Review, Test Strategy Review and Test Case.
- Help coordinate testing efforts with Business Development, Product Management, and other stakeholders. Successfully worked on onsite assignments for release planning; also involved in product backlog meetings, product reviews and deciding upon further course of action.
- Proficient in all stages of the SDLC, STLC and Bug Life Cycle. Experience in Bug tracking tools i.e. JIRA and TFS . Also having experience in test management tool qTest.
- Worked in Agile Methodology and Kanban model too.
- Experience in Designing and executing SQL queries and validate the data processing report etc. in MSSQL and MySQL.
- Knowledge of Citrix environment. Also familiar with IVR Process, Call center process.

Professional Experience

- Working as Specialist Testing at SunLife Financials from 12th March 2020 till current date.

- Worked as Test Engineer at Teleperformance from 15th February 2017 till 12th March 2020

Educational Qualification

- Bachelor of Technology (B-Tech) in ECE from Amity University in 2016.

Technical Skills:

➢ **Technologies**	: Python, Java, AI/ML, NLP, Deep Learning , Selenium, Appium, Ready API, Postman, TOSCA, JMeter, Emulator/Simulator, SOAPUI.
➢ **Programing Language**	: Python, Java, HTML, CSS, C.
➢ **Database**	: SQL Server, MSSQL, MySQL
➢ **Frameworks**	: TensorFlow, PyTorch
➢ **Test & Defect Management tools**	: JIRA ,TFS
➢ **Development IDE**	: Eclipse, IntelliJ, Xcode , PyTest
➢ **Test Management Tool**	: qTest
➢ **Version Control VS Source Control & CI/CD**	: Git, GitHub, Jenkins, Bitbucket, SourceTree : Web, Mobile (Android/iOS for Hybrid/Natie apps), Web Responsive.
➢ **Testing Platforms**	: Microfocus UFT Mobile center, Blue stacks, Browser stack.
➢ **Mobile Testing Labs**	

Professional Experience:

SunLife Financials: **(*12th March 2020 till Present*)**

1. *Responsibilities as Specialist Testing*
   - Working Experience in functional and regression testing of Web application for my Sunlife CA related to Insurance, health, mutual funds, group benefits, investment. Also responsible for testing of the Web Responsive on mobile/tablet.
   - Have been part of Generative AI LLM based applications/Projects. Have backgrounds in team, which was part of design, development, deployment of machine learning machine learning models for NLP tasks.
   - Worked closely with cross-functional teams including data scientists, software engineers to integrate AI solutions into existing workflows.
   - Explored and implemented Gen AI to enhance testing efficiency. Utilized GenAI to create novel solutions for complex problems, including new ways to generate , understand and manipulate data.
   - Responsible for writing of Automation scripts in Java using Cucumber and TestNG for the Web application. Also executed automated scripts on continues integration environment (CI) using Jenkins. Resulting in 30% decrease in testing effort and 25% increase in testing coverage.

- Responsible for API Automation testing using Ready API tool(licensed) and Rest Assured. Also executed API Automated scripts on continues integration environment (CI) using Jenkins.
- Working experience in writing API Automation tests in Ready API and Rest Assured for API Replatforming to Kubernetes project.
- Responsible for functional testing of Sun Canvas app in Tablets and iPads. Also written and executed the Automation scripts in Java using TestNG (Cucumber framework) for the same.
- Responsible for testing of few internal tools (HR Management). Responsible for coordination of testing efforts with Business Development, Product Management, and other stakeholders.
- Responsible for database record validation using MSSQL and API Testing using Postman.

2. *Responsibilities as Analyst Testing*

- Worked on testing of mySunlife Canada Web application related to Insurance, health, mutual funds, group benefits, investment. Also responsible for testing of the Web Responsive on Android and iOS mobile/tablet.
- Responsible for performing Functional, Regression, Smoke, Sanity, Exploratory testing, and End to end Testing. Also helped the business at the time of BAT Testing.
- Helped in developing and Implementing Selenium Page Object Model framework in Java using Cucumber and TestNG which cut down the script execution time in half.
- Executed automated scripts on continues integration environment (CI) using Jenkins.
- Experience in testing of services consumed in web app that is SOAP services, Rest API services with the Postman tool and validate proper response based on API documents.
- Responsible for coordination of testing efforts with Business Development, Product Management, and other stakeholders. Actively involved in daily scrum calls, demos to Business.
- Having experience working in Agile methodology.
- Working Experience in functional and regression testing of Mobile application for my Sunlife CA for android and iOS platform.
- Responsible for writing of Appium Automation scripts in Java using Cucumber and TestNG for the mobile application. Also executed automated scripts on continues integration environment (CI) using Jenkins.

Teleperformance :   *(15th February 2017 till 11th March2020)*

Responsibilities as Test Engineer

- Worked on testing of various Web, Web Responsive and Desktop Applications for Banking Domain (Barclays, JPMC Bank), Airlines(Frontier Airlines), Network Provider(Affinity) , eCommerce(GECRM, Shakey's Pizza).
- Responsible for performing Functional, Regression, Smoke, Sanity, Exploratory testing and End to end Testing. Also helped the business at the time of BAT Testing.
- Introduced and Implemented the Automation framework with the help of senior team Members for few projects.
- Helped in developing and Implementing Selenium Page Object Model framework in Java using TestNG which cut down the script execution time in half.
- Executed automated scripts on continues integration environment (CI) using Jenkins.
- Experience in using JIRA , TFS as Defect Management tool and patterned with developers to resolve the defects.
- Experience in Rest API Testing with the Postman tool and validate proper response based on API documents.
- Experience in Database Testing and Data validation through SQL queries of the IVR Data for Call centres of various projects i.e. Flipkart, Uber, Frontier Airlines, RedCoach.
- Created Test Plan and Test Strategy that describe the features and function to be tested.
- Responsible for preparing the Automation Test summary report, UAT Document, Sign off document and sent to requester.
- Responsible for coordination of testing efforts with Business Development, Product Management, and other stakeholders. Actively involved in daily scrum calls, demos to Business.
- Working experience of IVR Testing of US Teleshopping Company. Creation and execution of complex Test Scenarios for multiple changes coming from client on daily basis.
- Working Experience in Mobile application Testing (Manual) for multiple OS/models using Bluestacks and Physical Device.

Extra-curricular Activities

- Participated with team and was Runner up – Gen AI – SunVibe Challenge
- Participated and won in Sunlife- Brighter way Ideation Program.
- Participated in Sunlife Corporate Badminton Tournament.