SANTOSH NAYINI

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**13+ yrs**. experience in design, **development of software test automation solutions** based on software development/release requirements of web-based applications as an Automation Test Engineer and Functional Tester in domains of Supply Chain Management, Healthcare and Telecom.

# PROFESSIONAL SUMMARY

* Highly experienced in working throughout the Software Development Life Cycle (SDLC) and familiar with different methodologies namely Waterfall and Agile methodologies.
* Managed testing teams, manual and automation - assigning tasks, metrics, performance appraisals.
* Extreme Ownership of end-to-end testing of projects – estimations, planning, execution and Sign-off
* Worked closely with stakeholders in requirement gathering and backlog refinement.
* Experience in working as Scrum Master.
* Experience in Building **automation** Scripts by using **Selenium Web Driver** and good expertise in using **Annotations.**
* Experience in **API** Testing using postman and Java (rest assured) implemented in Cucumber BDD.
* Java programming using **OOPS** concepts, Selenium, **Java**, TestNG.
* Experience in **Performance testing** using **J - Meter** to perform Load, Stress and Spike Testing.
* Experience in Database testing for backend validations.
* Good experience in **Software Testing Life Cycle (STLC), Bug Life Cycle (BLC), testing methods and testing techniques.**
* Experience in Spinning up virtual machines, IAM roles and IAM policies.
* Experience in creating Test Strategy, Test Plans and Test Cases, Test Estimation, Requirement Traceability Matrix.
* Expertise and experience in Functionality, Regression, Browser compatibility, System and User Acceptance (UAT) testing of web and client/server applications.
* Experience in **Salesforce** application Testing.
* Good Knowledge on Linux.
* Developed Test Scripts to implement Test Cases, Test Scenarios, and features for **BDD (Behavior Driven Development)** using **Cucumber**, **TDD (Test Driven Development)** using **TestNG**.
* Effective communication **skills, leadership & motivation skills, group handling skills** and **ability** to **work** in a **team.**
* Expertise in Integrating the test scripts with Jenkins pipelines and **Jira/Azure DevOps Test Plan**.
* Hands on experience using **GitHub** and **bitbucket**.
* Experience in using IDEs like **Eclipse**, **IntelliJ**, **Open Script (OATS)** & **Visual Studio**.
* Hands on experience in creating **Azure Dashboards** for metrics.
* Experience in handling defect tracking tools like **JIRA, TFS & Azure DevOps Test Plan.**
* Experience in managing source control repositories like GIT by creating new Repositories and creating user level credentials.
* Highly motivated and can adapt to work under challenging environment.

# SKILLS

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| --- | --- | --- |
| Testing |  Web UI | Java, C#, Selenium WebDriver, Cucumber BDD, Spec flow, TestNG, JUnit |
| API | Java, Python, Rest Assured, Postman, Swagger |
| Database | SQL, MySQL |
| Performance | Apache JMeter |
| Frameworks | Page Object Model, Hybrid, Data Driven, Cucumber |
| Reporting | Extent Reports, Serenity Reports |
| IDEs | Eclipse, IntelliJ, Visual Studio, Visual Code |
| Development | CI/CD | GIT, Jenkins, Maven, Gradle |
| Cloud | Microsoft AZURE |
| Project Delivery | Scrum/Kanban | Jira, Planning Poker, Confluence |
| Test Management | JIRA, XRay, Microsoft Azure Dashboard (TFS), Zephyr |
| Team Management | User Story Estimation, Business Analysis, Defect Triage, Resource Management |

# EDUCATION

* + Bachelors in Computer Science Engineering

# EXPERIENCE

## BenefitMall, Dallas, TX Jan’24– Till Date

Senior Quality Engineer

Responsibilities:

* Manage the end-to-end testing process of the project and Quality assurance
* Designed and Developed automation script using Selenium Web Driver with Java and Cucumber Framework in IntelliJ.
* Worked on Daily Health Checks of application using automation scripts.
* Collaborate with the Development team, QA team, DevOps team.
* Manage and coordinate with the team regarding their daily workload.
* Coordinate with the client representative daily to understand the priorities.
* Performed Smoke Testing to make sure all the Test Channels and Test Environment is working as desired.
* Analyze existing codebase and propose improvements to enhance application performance, scalability, and user experience.
* Implement and maintain a CI/CD (Continuous Integration/Continuous Deployment) pipeline to automate code integration, testing, and deployment using Jenkins, GitLab & CI/CD.
* Implemented Page Objects Model and Page classes from scratch to represent web pages.
* Integration with Azure DevOps server for defect tracking and managing releases.
* Verified requirements coverage by conducting walkthrough meetings of Test plan and scenarios with business analysts, project manager and test supervisors.
* Written, executed Test cases, and documented defects in the JIRA.
* Track the defects of the current release and defects raised during User Acceptance testing.

## Singapore Telecommunications Ltd, Singapore Jan’2023– Dec’2023

SDET - Senior Software Developer

Responsibilities:

* Analyze existing codebase and propose improvements to enhance application performance, scalability, and user experience.
* Implement and maintain a CI/CD (Continuous Integration/Continuous Deployment) pipeline to automate code integration, testing, and deployment using Jenkins, GitLab & CI/CD.
* Implemented automation for purchasing licenses and funding process using Selenium Web driver, JAVA, Python Cucumber and Maven in a Behavior-driven development (BDD) along with Test Driven Development (TDD) approach.
* Implemented Page Objects Model and Page classes from scratch to represent web pages.
* Performing Load, Stress and Spike testing for both UI and API on release basis.
* Integration with Azure DevOps server for defect tracking and managing releases.
* Worked on Azure Platform in spinning up VM’s taking care of installations.
* Worked in a highly dynamic Agile environment and served as acting Scrum master taking up the daily scrum activities.
* Executed Automated tests in appropriate test regions in support of unit, integration, functional and regression testin``g using Selenium web-driver.
* Generate Test Summary reports after sprint end.
* Participated in improving test processes; propose new ideas on how to improve customer satisfaction and quality of product.

## Dell Technologies, India May’2017–Aug’2022

Senior Quality Engineer

Responsibilities:

* Led a team of testing individuals by guiding them through entire Test Automation and execution using Selenium Web driver.
* Performed Smoke, Functional, System, Regression and Integration with Positive, Negative Test cases.
* Generated Defect reports in JIRA for test meetings.
* Implemented automation for purchasing licenses and funding process using Selenium Web driver, JAVA, Cucumber and Maven in a Behavior-driven development (BDD) along with Test Driven Development (TDD) approach.
* Deploy and manage application components on cloud platforms like Microsoft Azure
* Implemented Page Objects Model and Page classes from scratch to represent web pages.
* Design, develop and maintain Restful API’s that expose application functionalities to external clients.
* Integration with Azure DevOps Test Plan for defect tracking and managing releases.
* Implement and maintain a CI/CD (Continuous Integration/Continuous Deployment) pipeline to automate code integration, testing, and deployment.
* Worked in a highly dynamic Agile environment and served as acting Scrum master taking up the daily scrum activities.
* Worked closely with development teams to ensure that all testing activities occur in a timely fashion and to the level of quality required by the governing standards and business requirements.

## UST Global, India June’2015 – May’2017

Sr. Test Engineer

Responsibilities:

* Involved in analyzing the business requirements, functional requirements, and technical requirements documents.
* Created Test Cases for regression, GUI testing and functional testing, Back-end and compatibility testing based on the system requirements.
* Involved in system Testing, Integration Testing, Functionality Testing, Regression, End-End Testing and User acceptance Testing.
* Automate Test Cases and create Test Suites locally within Eclipse for Functional, Integration, Regression, and Browser Compatibility, using Selenium WebDriver, Testing.
* Performed Load, Stress and Spike testing for both UI and API on release basis.
* Designed and developed automation framework using Key Word Driver and Data Driven methods.
* Involved in testing compatibility of application for dynamic and static content under various cross browser using HTML IDs and XPath in selenium.
* Maintained the Selenium and Java automation code and resources in source control like Microsoft TFS over the time for improvements and new features.
* Maintain automation builds on Continuous Integration (CI) tool Jenkins.
* Developed SQL script for Backend testing to ensure that the data is updated as per business rules.
* Identified and isolated software defects and reported them via JIRA tool.

## Xenosoft Technologies Dec’2013 – June’ 2015

Quality Analyst

Responsibilities:

* Developed Automation Script using Selenium WebDriver, RC Server, Eclipse, TestNG and Java
* Tested compatibility of application for dynamic and static content under various cross browser using HTML IDs and Xpath in selenium.
* Involved in performing Smoke, Functional, System and Regression and backend Testing.
* Used Selenium GRID to execute test cases in parallel on different target machines.
* Reported software problems using J**IRA** bug trucking system and verified bugs fixed in new releases.
* Worked with QA team and developers to improve processes. Performed quality reviews to improve test maturity.
* Executed SQL queries to verify proper insertion, deletion, and updates to the Database.

## Minvesta Infotech LTD Jan’2011 – Dec’2013

Quality Analyst

Responsibilities:

* Involved in Test Scenario reviews.
* Reviewed and evaluated requirements and specifications for testability and completeness.
* Meeting with developers and business analysts during requirement phase.
* Prepared various test specifications such as Test cases and Test data etc.
* Involved in Usability, UI and Functional Testing, Re-Testing, Regression Testing and Database testing.
* Experience in testing windows and web-based applications.
* Defect logging and collaborating with developers to reproduce defects.
* Suggested and implemented corrective actions wherever required.
* Involved in daily, weekly project status meetings.