Naga Venkata Durga Kiran Gaddipati

Sr. QA Engineer

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Professional Summary

- er **8 years** of experience in Software A nalysis, Software Quality Assurance Testing of **Mobile, Web Services, Client/Server applications** and **databases**.
- oven ability in designing and creating automation frameworks as **Behavioral Driven Development** (BDD), **Data Driven** and **Hybrid frameworks** from scratch by using Maven with **Java**, **Selenium WebDriver**, **TestNG**, **JUnit**, **Apache POI, Eclipse and Cucumber**.
- perience in all stages of the **Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC) and worked on Waterfall and Agile project environment.**
- ertise in developing **Automation frameworks** with **Selenium WebDriver** using **Java**.
- perience in executing and testing **client server architecture**, **web** and **mobile** based applications.
- perience in end-to-end application testing using Karma as a test runner in **Angular 9.**
- perienced in developing **use cases**, user **interface specifications**, and **user requirement** specification documents.
- cellent understanding in **web automation** which includes **GUI Testing** , **Functionality Testing** , **Unit Testing** , **Integration Testing** , **Regression Testing**, **System** and **User Acceptance Testing**.
- ficient knowledge in **White Box** and **Black Box** testing for functionality and structural flow of an application.
- perience in developing **Test scenarios** , **Test cases** , **Test data** , **Test procedures** , **Test reports** and **documenting Manual** and **Automation Testing**.
- od experience with code coverage and code review tools such as **Jacoco**, **SonarQube, Veracode.**
- owledge on **Mobile Testing** using **Appium** on **Android**, **IOS platforms**.
- perience in **API testing** using tools like **POSTMAN** and **REST Assured** Library on **Selenium**.
- perienced in reading the test data from excel spreadsheet using **API and TestNG** Data provider.
- perienced in writing **SQL** queries for backend testing and validation of data.
- perience working with software tools **Jenkins**, **Maven** and **GIT**.
- ertise in segregating defects based on the hierarchy of the effects on the test scripts using **Log4j**.
- owledge on **Web Service** and hands on experience in validating **Web Services using SOAP-UI**.
- perience in Web debugging tools like **XPath** , **Fire path** , and **Firebug** and also provided efficient locators for strategies like **XPath** and **CSS** to run web driven scripts.
- perience in creating **Requirements Traceability Matrix** to ensure **comprehensive test coverage**.
- id experience in **Performance/Load/Stress testing with LoadRunner** and **JMeter**.
- ertise in creating **Requirement Traceability Matrix** , Daily/Weekly Status Report, Defect Report, and Project Report.
- cellent analytical, problem solving, communication and interpersonal skills, with ability to interact with individuals at all levels.

Technical Skills:

Test Approaches	Waterfall, Agile/Scrum, SDLC, STLC, Bug life Cycle
Testing Tools	Selenium WebDriver, JMeter, Postman, QTP, HP load Runner, SOAP, Gatling, Pr (Android iOS Testing), Fiddler.
Frameworks	Page Object Model, Keyword Driven, Data Driven, ATDD, BDD, Hybrid Testir TestNG, Junit, N Unit, log4j.
Build & Integration Tools	Maven, Ant, Jenkins, Bamboo, Hudson
Programming Languages	Java, C#, Python, .Net.
Browsers	Firefox, Internet Explorer, Safari, Google Chrome, Opera, Phantom JS
Operating System	Windows Variants, Unix, Linux, Mac, iOS, Android.
Database Tools	MySQL, Squirrel SQL, Postgres, Oracle.

Defect Tracking Tools	HP ALM, Quality Center, Jira, Confluence, Team Foundation Server
Scripting Languages	JavaScript, VB Script, Groovy Script.
Markup Languages	HTML, XML, JSON, XPath, XCode, XSD, XSL, XSLT, JSP, AJAX, CSS
MS Office Tools	MS Project, Outlook, Excel, PowerPoint, MS Access, Word
Other Utilities	Eclipse, WebStorm, Notepad++, Microsoft Visual Studio, IntelliJ, SQL, GIT, SVN,
Types of Testing	Manual Testing, UI Testing, Integration Testing, Regression Testing, Black B Functional Testing, Performance, Smoke, Sanity, API and Unit testing.

Professional Experience:

Client: American Express Company- Phoenix, AZ May2021 – Present

Role: Sr QA Automation Engineer

DESCRIPTION: American Express is a **Banking and Financial Service Company** . My primary responsibilities were to provide test automation services for the Customer Mortgage management webpage. The Project was to upgrade the Customer Mortgage management webpage to provide them financial advisory tools, estimate the payments for different loan variants and to provide options for refinance based on their updated credit score.

Responsibilities:

olved in various stages of development of the project and maintenance using **Agile methodology.**

eating detailed Test cases for each test phase to ensure complete coverage. Test Cases incorporated both happy and negative (unhappy) conditions.

olved in **COLO** migration validations with development team.

tomating the manual test cases using **Selenium WebDriver**, using **JAVA.**

ed Karma as a test runner in **Angular 8** which creates the browser instance, runs tests.

sponsible for implementation of Behavior D riven Development Testing Automation Framework build using **Selenium WebDriver, Cucumber, TestNG** and **Maven** under **Java8** platform.

nfiguring **TestNG** Framework to execute **Selenium** scripts.

udied and analysed the Functional Requirements, System Design Specif ications, and interacted with Business Analyst & developers for changes in requirements.

rformed SIT Testing activities (as a part of manual testing) to evaluate and support **Microservices** by providing end- to- end application testing and by providing technical support

ed **Maven** to create taste suite and creating technical and managerial reports.

ticipate and contribute to **SCRUM Ceremonies**

alysing the User Stories, New Features/Enhancements in **JIRA**.

veloped test cases and executed the same based on Acceptance Criteria.

olved in Selenium web driver test scripts and writing **Selenium supporting classes through JAVA.**

egration of automation batch run job with **Jenkins**.

nstantly verified requirement Traceability Matrix to determine if each and every Functional requirement is taken care of and a test script is developed and executed for the same.

ed **Jenkins** a continuous **integration (CI)** server to run automated test suites in the **DevOps** pipeline.

perience with automated API testing using RESTASSURED.

formed Regression testing activities in Test environment and Production support environment.

gging issues into **HP Quality Center.**

olved in backend testing of the application by executing SQL commands.

e offshore calls and resolve work related issues and review the day-to-day work deliverables.

ed **Microsoft Team Foundation Server (TFS)** for all the source code maintenance among the whole team members.

orough understanding of testing methodologies and practices.

formed Data Driven (**Cucumber**) and Keyword driven Tests

veloped automation framework using **Selenium, Cucumber** , **Maven** and **TestNG** with **Java** , **Restful API** and **Postman** , in QA automation tools discovery.

veloped strategy to move test cases **Cucumber** for existing and new test cases.

form unit testing/Validation testing and deploying for use.

paring Performance **Test Plan, Performance Test strategy and Performance Test log.**

esigning Performance test Scenarios using Load Runner to evaluate the performance of the applications developed in multi- tier architecture.

olved in writing load scripts using **Apache JMeter.**

plemented a Continuous Delivery pipeline with Docker, Jenkins and GitHub and AWS.
sted various ETL Transformations in **MSBI (SSIS)** tool which facilitate Daily, Weekly & Monthly Loading of Data. Used **Microsoft Visual Studio** to check the ETL flows

ote automated scripts for **Angular 9**application using **Selenium web driver** and **Java.**

cuted the test plans on **mobile** as per requirements using **Appium** tool.
veloped automation script for **Mobile Native applications** (**IOS, Android)** using **Appium, Java.**
ed **Gherkin** language to write features and scenarios. Involved in **Regression Testing** using **Selenium**.
bugger traffic between the client and server using **Fiddler**.
ed **Mockito** framework for performing Unit testing, helped developers in test driven development.
alyze client-server issues in web apps using **Charles Proxy.**
ed **Eclipse** to debug **Java** code and utilize **Maven** as project builder with internal **Maven** Dependency repository.
pared test cases for the mappings developed through the **ETL** Informatica tool and executed those test cases.
ed **Azure devops** as a Repo and board for Work items, Sprint, Backlog, Retrospectives.
ed **Splunk** for checking the logs

formed the **API** Testing using **Swagger**, **Postman** to make sure the end points are working fine.
ed **SonarQube** for code inspection and optimization

> **Environment:** Agile (Scrum), Java 8, J2EE Jira, REST, Selenium, TestNG, Maven, Cucumber, Jenkins, Postman, Appium, Angular 9 , Mockito, Charles Proxy Eclipse , Microservices, ETL, Azure Devops, Spl unk, Swagger, SQL, REST- Assured, Fiddler, SonarQube , Gherkins.

Client: Cardinal Health Inc, Twinsburg-OH   Nov2019 – Apr 2021

Role: Sr Automation Engineer

Description: Cardinal Health Inc is a **Global, Integrated healthcare services and Product company** . It provides customized solutions for Hospitals, health systems, pharmacies, ambulatory surgery centers, clinical laboratories and physician offices worldwide. Cardinal Health is expertise in Logistics, Product, Business and Patient solutions.

> **Responsibilities:**

veloped automated test scripts defining scenarios and procedures to test the application using **Microsoft Visual Studio** and **Selenium Web Driver** with **C#.**

veloped the automation Test cases using NUnit Framework using Objects developed the Page Object Model.

itten new **test Objects** (with UI functions, and Business logic functions) in **Selenium** with **C#.**

sponsible for testing claims processing workflows as per business requirement.

d to end testing on validating the claims functionality including **data validation** from source to **destination tables**.

dated Automation Test Cases based on New Changes in functionality.

olved in performing **Functional** and **Regression testing**, Staging/live testing of the application.

olved in Claims process validation -Identified claims matching scenarios based on patient information.

ed **Appium**, **XCode** for Native Mobile Application automation testing for iOS and Android.

formed **cross-browser testing** (Firefox, Chrome with selenium scripts, all browsers manually).

ecuted the test plans on **mobile** as per requirements using **Appium** tool.

nverted existing Manual Test Cases (smoke, regression) into selenium test suites.

olved in Writing **Python** Scripts to develop automated scripts and frameworks.

lowed version control standards with **TFS**.

lized **HP Quality Center (HP QC)** as a bug tracking system.

formed database validation using **SQL queries**

ng **VBScript** Performed Database Validation Testing using complex **SQL** queries.

forming the web services testing with **SOAP UI** by validating request and response for **XML**

olved in testing of services using **SOAP/REST** services using **SOAP UI, Groovy Script**.

formed functional and regression testing in each sprint and UAT for each release to Production.

forming data driven testing by using **JDBC** and **Groovy script** as a data source in **SOAP UI** and configured **SQL**

ueries to fetch data from the **Oracle** database. Effectively communicated testing status to **QA** lead, project managers, and teams who are involved in User Acceptance Testing (UAT).

> **Environment** : C#, SQL, PL/SQL. NUnit, HTML, SOAP UI, Groovy Script, Python, Selenium, Claims processing Protractor, Quality Center, VBScript, HTML, MSWord, MS Excel, UNIX, Microsoft Test Manager, Oracle.

Client: AllState Insurance, Northbrook, Illinois Feb 2017 – Oct 2019 Role: QA Engineer

Description: Allstate offers a broad array of protection products through multiple br ands and diverse distribution channels, including auto, home, life and other insurance offered through its Allstate, Esurance, Encompass, SquareTrade and Answer Financial brands.

> **Responsibilities:**

- rticipate in all Scrum Ceremonies such as Daily standup meeting, Sprint planning meeting, Backlog Refinement meeting, Retrospective meeting and demo session in Agile methodology.
- viewed the Product Backlog, Functional Specifications Document and Technical Documentation.
- sign and develop Page Objects using Page Object Model design pattern and Selenium WebDriver.
- ed Hybrid, Keyword/Data Driven Framework and extracted data from external Excel files using Apache POI and loaded into the variables in the scripted code.
- volved in GUI test ing , integration testing , navigation testing , and regression testing using web- based application and client-server applications.
- ecuted test cases/scripts to ensure delivery of quality software applications, including Systems Integration , Regression , and Performance Testing.
- plemented test automation scripts for mobile testing using Appium for Android and iOS.
- ed Appium tool, for mobile testing in Android, IOS and other mobile applications.
- ed Page Object Model (POM) to develop End to End Automation Framework for Mobile App testing using Appium , TestNG , Maven and Java.
- rformed Cross Browser Testing on different types of browsers to tests at the same using TestNG.
- ndled Alerts and web Popups in Selenium WebDriver and used Auto It to handle window popups.
- rformed Smoke Testing, Functional Testing, Integration Testing, Regression Testing, System Testing, Database Testing, and Black Box testing at various phases of the development and test cycles.
- pared Test Cases for functional and **UAT** testing.
- eated test automation framework from scratch using Cucumber with Page Object Model (POM) using Java language. Developed User Stories using Java in Behavior Driven Development for UAT.
- rformed testing on Web Services using REST ASSURED, Postman to test Restful web services.
- iting **SQL** queries to extract data from various source tables to perform database testing
- formed Mobile Testing of Android based Apps using **Appium**. Connected Real Devices.
- fformed **Cross Browser** and **parallel testing** to test the applications are working as desired in different browsers.
- pertise in **Smoke testing, Regression testing, System Testing and UAT**.

- egrated the **selenium** test into **Jenkins** for **continuous integration (CI).**

- orking closely with the Developers in the review and modification of the product and its specifications using Agile-testing methodology
- volved in Database testing by writing and executing SQL queries to validate that data is being pop ulated in appropriate tables and manually comparing the results with front-end values.
- rticipated in weekly QA status and project status meetings to report any defects and issues
- vestigated software bugs and interacted with the Dev team to resolve bug issues using JIRA.
- nerated test logs using Log4 j for various log levels.
- ed GIT source control repository tool, where Java and Selenium test source code and resources are maintained.
- ordinating with another cross team to ensure the newly developed features function End-to-End.

  Environment: Java, Selenium WebDriver, Eclipse, TestNG, Maven, Cucumber, Appium, REST ASSURED, POSTMAN, Jenkins, GIT, JIRA, XPath, Log4j, SQL, Agile, Windows.

  Client: BJC HealthCare, St. Louis, MO   Jan 2016 – Jan 2017

  Role: QA Engineer

  Description: BJC HealthCare is a non- profit healthcare organization based in St. Louis, Missouri. Committed in Medicare and Medical beneficiaries live healthier, more active lives through personalized, affordable, and easy- to- use health care solutions, Products and services in Cigna include an integrated suite of health services, such as medical, dental, behavioral health, pharmacy and vision care benefits, and other related products including group disability, life, and accident coverage.

  Responsibilities:

sponsible for gathering Business Requirements, Functional Requirements and Design Documents of multiple projects.

lowed tight Agile testing methodology, participated in daily **SCRUM** meetings and testing each **SPRINT** deliverables.

ting and managing the test activities, leading the test team and coordinating with the development team members.

formed GUI, Smoke, Ad- hoc, **Black box** Functional, System, Integration, Regression, Back- end, Performance, Load, Stress testing, and UAT for **Web based Applications**.

olved in creation of automation framework in **Selenium WebDriver** using **behavior driven (BDD)** approach like **Cucumber.**

tensively used Page Objects Design (POD) and page navigation framework for readable test script and easy maintenance from developer perspectives and responsible for creating au tomation framework using POM- Page Object Model, and Data Driven to test web application. Thorough understanding of POM using Page Factory.

orked on the framework using **Selenium WebDriver** , **Apache Http Client** , Java, **TestNG** , **Apache POI, Logcat** and patterns including Page Object and **Dependency Injection.**

eated data driven testing using **Apache POI API** for data driven testing using Java and Selenium.

perienced in Mobile Automation Testing on **Emulator and Simulator IOS ,** and **Android** platforms with Automation tool, **Appium** and reported debugs via **JIRA** to the developers.

sted various ETL Transformations in **MSBI (SSIS)** tool which facilitate Daily, Weekly & Monthly Loading of Data. Used **Microsoft Visual Studio** to check the ETL flows

ensively used Complex teradata queries using Joins and Nested queries in **Teradata SQL Assistant** to verify data in database. Verified the **Qlikview** report data against the data in the database using SQL queries.

olved in implementing Test Automation Framework using **Protractor** with **Jasmine.**

paration of **Gherkin** scenarios and Creating step definition file using Cucumber.

veloped test scripts in **Ruby** to automate browser & web applications under **Cucumber (BDD).**

sponsible for applying the Corporatio n ' s Software Configuration Management processes to projects, setting up and maintaining **GITHub** infrastructure and supporting a continuous delivery model by automating software build and package migration processes.

ed **GitHub** and **Stash** to re-modify files and for software development.

ote **Python** and **Perl** scripts to parse **XML/JSON** documents and loaded the data in database.

sponsible for reporting and tracking the issues using JIRA.

ed **Ant** for building the WebDriver project. Integrated with Continuous Integration tool **Jenkins** for running test on nightly basis automatically.

up the different builds in Jenkins and deployed the scripts on **Apache Tomcat**.

ependently developed test scripts in **LoadRunner** according to test specifications/requirements.

ed SOAPUI to test SOA based architecture application to test SOAP services and REST API.

eated and executed **CA LISA & SOAP UI** Scripts for the Web Services testing.

ndled **Bootstrap Dropdown** through Selenium WebDriver.

> **Environments : Selenium WebDriver, Node JS, Python, Hudson, Cucumber, Ruby, SOAP UI, LoadRunner , React.JS, AngularJS, Apache POI, Protractor, ANT, TestNG, Eclipse , XPATH, Java, HTML, CSS, Agile, GitHub , SQL, Teradata, MSBI(SSIS), QlikView , IOS, Android, Oracle and Windows, JIRA,**

Client: Allumez Info Tech Private Limited Nov 2013 – Nov 2015
Role: QA Tester
Description: Allumez Infotech provides **ecommerce, CRM, marketing, content management, application Development, portal development, website, and design solutions** to mid-large size companies.
Responsibilities:

orked as a QA Analyst

perience assessing testing processes, creating, implementing testing strategies using Agile-testing methodology

ticipated in Sprint Planning meetings where the Testers will identify the strategic features of the user stories and review the current sprint

user stories during the Sprint Planning

ticipated in daily scrum meetings where all the testers will address any blockers blocking testing and discuss the status of assigned tasks.

ork with the **FNM Business SME** to identify and prioritize **UAT** test cases

rked on **ALM** for creating and documenting Test Plans and Test Cases and register the expected results

rked on QC to log defects\Requirement Task\Enhancement.

ordinate execution of **UAT** test scripts and documented results

nage defect tracking.

ticipate in daily **UAT** test status meeting

alate testing issues to Test Manager

paring Test Summary Report after test completion.

Environment: **SQL**, **Selenium**, **TestNG**, **Quality Center**, **MS Excel**