

Vithal Garigipati

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CAREER OVERVIEW

- ◆ A competent professional with 8 years of experience in the areas of Software Testing, Quality assurance, Web Service Testing, API Testing, Automation Testing and supporting critical business applications in US Healthcare Domain with reputed organization.
- ◆ Presently associated with TCS as Assistant Consultant.
- ◆ Experience in **Agile** projects, worked very closely with Product owners in Agile and attended different ceremonies like **Sprint Planning meeting, Scrum, Backlog grooming, Sprint Review and Retrospective.**
- ◆ 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 **Hybrid** frameworks using **Java, Selenium WebDriver, TestNG, Data Driven and Jenkins.**
- ◆ Experience in implementing the **Page Object Model (POM)** by creating element for each page object and reused all the objects in various scripts.
- ◆ Experience in testing **Web Services architecture**, XML transactions, **SOAP**, HTTP, WSDL using **SOAP UI.**
- ◆ Experience in API Automation using **Rest Assured API** and Experience in automating the **Kafka messages.**
- ◆ Performed Database/Backend testing by writing SQL Queries for **data validation and integrity.**
- ◆ Experience include Functional testing, User Acceptance Testing, Integration testing, System testing, browser compatibility testing.
- ◆ Expertise in using various defect-reporting and defect-tracking tools like **Rally, VSTS and CQ.**
- ◆ Extensive experience with conducting/participating in Initialization, walkthroughs, planning, Peer Reviews, reporting, and processes and practices including Root Cause Analysis, Knowledge Management.
- ◆ Regular interaction/communication across various management levels and stakeholders including business, application development, other support teams.
- ◆ Proficient in Test Case Development and execution, Defect Reporting & Tracking, test ware management. Extensive experience with Functional testing, Regression testing and Automation testing.
- ◆ Project Coordination with Business (stakeholders) IT (Business Analyst, System Analyst, Development, QE (Quality Engineering) teams.
- ◆ Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering under high stress environment.
- ◆ Good analytical and communication skills and ability to work independently with minimal supervision and perform as part of a team.

TECHNICAL EXPERTISE

Programming Languages	: Core Java
Web Automation Tool	: Selenium WebDriver 3.14.*
Frameworks	: BDD Cucumber, Hybrid, Data Driven
IDE	: Eclipse
Build Tools	: Maven
Project Management Tool	: RQM, VSTS and CA AGILE Central (Rally), RTC
Testcase Management Tool	: RQM, VSTS, Rally
Source Control	: GitHub
CI Tool	: Jenkins
Databases	: Oracle 12 C
Web services	: Soap and REST

PROFESSIONAL EXPERIENCE

ORGANIZATION	DESIGNATION	YEAR
TATA Consultancy Services	Assistant Consultant	June 2022 to till date
Optum Global Solution India Pvt Ltd, Hyderabad	Software Engineer	February 2020 – June 2022
emids technologies, Hyderabad	QA Engineer	August 2018 – February 2020
S2Tech.com.Ind Pvt. Ltd	Test Engineer	April 2015 – August 2018

EDUCATION

⇒ B Tech from Acharya Nagarjuna University, Guntur April 2014

ACHIEVEMENTS

- ⇒ Awarded with Sapphire for Innovation and Performance from all counter parts
- ⇒ Awarded with Star Award (Quarterly awards) for outstanding performance.
- ⇒ Key contributor to achieve Team Excellence award for GPS project.

PROJECT SUMMARY

Project Name : **Guided Personal Services (GPS)**
 Client : **CVS**
 Duration : **2022 June– 2023 April**

Project Description:

GPS Application stands for Guided Personal Services. GPS is a salesforce, cloud-hosted, customer service solution, allowing agents to service calls in the cloud, rather than installing a local desktop solution.

Team Size: 11

My Role: QA Analyst

Responsibilities:

- Played the role of UAT QA, as UAT QA performed E2E testing, Regression testing and Ad hoc Testing and maintain the automation scripts
- Involved in preparing the test plan based on releases.
- Involved in integrating the automation scripts using Data Driven framework and executing the automation suite as per releases
- Maintaining the automation suite

Project Name : **Next Generation Policy System (GPS)**

Client : **United Health Care Medicare & Retirement business**

Duration : **2020 February– 2022 June**

Project Description:

GPS Application stands for next Generation Policy System. GPS is a web-based application that administers the federal governments law to provide prescription drug (Part D), MA and MAPD coverage to the senior population (65 or above) for Medicare and ESRD population via Medicaid information from the Centers for Medicare and Medicaid Services (CMS). Next-Generation Policy System (GPS), is a strategic, proprietary Tier 1 and one of the top-20 projects of UNITED HEALTH GROUP. Criticality of this application GPS has 25 million members enrolled in UHGs Medicare plans, GPS plays a very vital role in catering to this population in the Medicare segment and churns out annual revenue of 10.2 billion dollars. Therefore, Next-Generation Policy System (GPS) has been flag as high priority / high availability, meaning that in the event of a disaster, we need to have the GPS application back up and running within 8 hours.

Team Size: 09

My Role: SDET

Responsibilities:

- Involved in automation test framework to implement **Hybrid framework** in our project using testNG as wrapper
- Utilized Page Object Model design pattern to make the code more readable, maintainable, and reusable.
- Utilized **Maven** as build tool and to **manage dependencies** for test execution and created profiles of grouped Test cases to Run sanity and Regression Testing.
- Conducted Functional testing, Regression Testing using selenium with Data-driven framework.
- Integrated the automation build in **Jenkins** pipeline as a downstream job to kick start it after every deployment
- Published test results to all the stakeholders after each run by triggering auto email as part of Jenkins job

- Used **GitHub** extensively to create separate code branches for different releases to avoid conflicts
- Involved in developing the tech user stories along with developing team
- Involved in various meetings with **Business analysts and developers**.
- Utilized Apache POI jar file to read test data from the excel spread sheets.
- Writing new set of test cases & executing them
- Logging the defects and verifying them
- Involved in functional developing activities by taking the **DDL/DML user stories**.
- Involved in reviewing the Test cases
- Participating in the daily scrum calls to represent QE team for User story grooming, estimations, user story pointing, resource utilization, capacity planning.
- Coordinating with Development and System Analyst Teams to resolve project related issues of the team.
- Responsible for driving the Knowledge management practice. I have created many knowledge documents on different critical functionalities. These documents help the new joiners and GPS team resources to take reference while in test planning or execution Phase.

Project Name : **Safhire**
Client : **Inovalon**
Duration : **2018 August– 2020 February**

Team Size: 7

My Role: Test Automation Engineer and offshore point of contact for all the QA activities for scrum team

Project Description:

SAFHIRE Software Application is designed to facilitate the process of Medical Record Review for Inovalon clients. SAFHIRE is an abbreviation for Support Application for Health Information Record Extraction. As one of the key services to Inovalon clients, the basic goal of the MRR Operations is to collect medical records of health plan members and abstract health information from those records. Abstracted information is then reviewed by the skilled medical staff for the purposes of quality improvement.

Responsibilities:

- Responsible for end to end testing of the application involving Webservice testing, data verification and Functional testing
- Involved in automation test framework to implement ATDD in our project using **Cucumber** as a BDD.
- Experience in writing automation test scenarios in BDD approach using Cucumber feature files and step definition file.
- Developed test scripts by incorporating Page Object Model approach for code readability and to ease the scripts maintenance.

- Identified the regression test cases for automation to reduce test effort during UAT sign off phase testing.
- Executed Selenium test cases and published the test results to the business stake holders.
- Involved in automating the RESTful services using **REST Assured**.
- Integrated automation test suite with Jenkins tool to trigger the executing in automatic way and monitored the results closely.
- Highly helped in raising the quality of the application by reporting the defects at right time.
- Performed testing on SIT and UAT environments and created UAT sign off reports during releases
- Participated in daily scrum calls and sprint planning, review, and retrospective meetings

Project Name : **MEDS Modernization**
Client : **Conduent**
Duration : **2015 April – 2018 August**

Team Size: 12

My Role: Functional test engineer and subject matter expert in the team

Project Description:

Medicaid is a federal and state sponsored program which provides health insurance coverage to the underprivileged. Eligibility System will be central repository of Medicaid eligibility data for the state of Mississippi. The system determines Medicaid eligibility for the Medicaid program applicants in a uniform, accurate, efficient, and timely manner.

Responsibilities:

- Designed Functional Test Cases based on the requirements covering all the features.
- Involved in enhancing the modular framework for test automation using RFT with java script
- Automated smoke and regression test cases using **RFT** (Rational Functional Tester).
- Performed different types of testing including GUI Testing, Integration Testing, Functional Testing and Regression Testing.
- Detected bugs and logged and classified them based on the severity.
- Followed up with the development team with respect to the bug fixes.
- Expert in claim processing and claim validations.
- Good at preparing the EDI files
- Validated EDI files for provider enrollment modules (270/271, 276/277,837, ERA (835) and EFT transactions).