

VARUN PRASAD P

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Professional Summary:

- Overall, I have 10 years and 8 months of experience in QE UI Automation, API Automation with an extensive background in Quality Assurance, Automation Development, and various Testing Methodologies.
- Excellent knowledge and working experience in Automation Testing using automation tools Selenium Web Driver, Cucumber, Soap UI, Jenkins, Bamboo (CI/CD), Sauce Labs, and Browserstack.
- Excellent knowledge and working experience in Java.
- Working experience in WebDriverIO framework with JavaScript.
- Working experience in Guidewire Policy Center.
- Developed a POC on automation security vulnerability assessment using ZAP Proxy, Selenium, and Java.
- Developed an automation framework with self-healing capabilities using Healenium, Selenium, Java, and Docker.
- Developed an E2E automation framework with playwright, cucumber, and typescript that can be executed in Sauce Labs, Local machine, and Docker.
- Developed a performance testing framework using Java JMeter DSL, JUnit, and real-time report using Grafana, Influx DB, and Docker.
- Developed a multi-module API automation project using Rest Assured, Cucumber, JUnit, and Gradle.
- Excellent knowledge and working experience in framework maintenance (BDD, BPT, and Hybrid).
- Excellent knowledge and working experience in Build Management Tools Maven and Gradle.
- Excellent knowledge and working Experience in ALM (Quality Center), JIRA & Bit Bucket.
- Excellent knowledge and working Experience in creating and executing test scripts, reusable methods, test data, preparing test reports.
- Excellent knowledge and working experience in preparing test scripts, test data, reusable function libraries, executing test scripts, analyzing results, and reporting bugs.
- Excellent working experience in Automating Smoke, Adhoc, Functional, and Regression Testing.
- Working experience in performance testing using JMeter and with Java JMeter DSL.
- Extensive work experience in Web Service testing / REST API using various tools like Rest Assured and Postman.
- Have good work experience in Waterfall and Agile Projects and attended different ceremonies like Sprint Planning meeting, Scrum, Backlog grooming, Sprint Review, and Retrospective.
- Excellent knowledge and working experience in Insurance Domain.
- Hands-on experience in developing JEE web applications using Spring Boot.
- Work effectively in a team environment and providing knowledge transfer as needed.
- Ability to learn and adapt to emerging technologies quickly.

Certifications:

Certification	Board
AWS Certified Cloud Practitioner	Amazon Web Services Training and Certification
Fundamentals of insurance industry	Cognizant Internal
ISTQB	Cognizant Internal
SAFe Agile Practitioner	SAFe Framework

Technical Skills:

Operating System	: Windows/Linux
Programming Languages	: Java, JavaScript
Test Automation Tools	: Selenium, Cucumber, wdio and Rest Assured
Test Management Tool	: ALM (QC)
Defect Tracking Tool	: JIRA
Build Tools	: Maven, Gradle
CI/CD Tools	: Bamboo, Jenkins
Cross Browser Platform	: SauceLabs & Browserstack
Databases	: MySQL
Version Control	: GIT
Web Technologies	: Spring Boot, REST API, JPA, HTML, CSS & JavaScript

Work Experience:

- **Test Lead - Automation, Hexaware** (June 26, 2023 - Present)
- Associate Lead Quality Assurance Engineer, **Clarivate** (March 2023 - June 2023)
- Test Lead, **HCL Technologies** (June 2022 - March 2023)
- Senior Software Test Engineer, **Publicis Sapient** (July 2021 - June 2022)
- Software Test Engineer, **Cognizant Technology Solutions** (December 2013 - July 2021)

Qualifications:

- **BSc (Computer Science)** with 67% from Sri Krishna Arts and Science College - 2013, Affiliated to Bharthiyar University, Coimbatore

Project #1:

Project Name	:	MTA on Home and Auto policies
Client	:	LV= - LV Insurance - Allianz
Team Size	:	15
Technical Platform	:	Java, JavaScript
Automation Tool	:	WebdriverIO, JavaScript & Jenkins
CI/CD Tool	:	Jenkins, Bitbucket
Role	:	Test Lead - Automation
Duration	:	June 2023 to Present

Project Description:

MTA (Mid Term Adjustment) functionality at LV= General Insurance enables users to adjust details or coverage on existing car or home policies. LV=, a prominent UK insurer, emphasizes customer-centricity by offering a wide range of insurance products such as home, car, travel, and pet insurance. This service is accessible through direct-to-consumer channels, partnerships with advisers and brokers, and strategic collaborations with various organizations, ensuring flexible and tailored insurance solutions.

Responsibilities:

- Adding new tests for developed features within the same sprints using WebdriverIO with JavaScript tests.
- Updating automation frameworks and optimizing processes.
- Adding new features to the policy creation API (Mule API) that integrates with Guidewire Policy Center, ensuring policies can be created and accessed across test environments, serving as test data or prerequisites.
- Running smoke, sanity, and regression test suites on Jenkins, and locally when needed.
- Currently involved in migrating to the existing test framework to use Cucumber for Behavior-Driven Development (BDD).
- Presenting newly added functionality to stakeholders during Sprint Demos.
- Contributing to test strategy, backlog grooming, sprint planning, and retrospectives.

Project #2: This is the same project I worked on HCL and Clarivate. In HCL I worked here as a contractor later Clarivate hired and converted me as FTE.

Project Name	:	Web of Science Nextgen UI and MWS API
Client	:	Clarivate
Team Size	:	13
Technical Platform	:	Java, JavaScript, Typescript
Automation Tool	:	Selenium Web Driver, Cucumber, Rest Assured, Java, TestNG, Playwright, Typescript, Chai, JMeter Java DSL
CI/CD Tool	:	Jenkins, Bitbucket
Role	:	Test Architect
Duration	:	June 2022 to June 2023

Project Description:

The Web of Science (WoS; previously known as Web of Knowledge) is a paid-access platform that provides access to multiple databases containing reference and citation data from academic journals, conference proceedings, and other documents across various disciplines.

Responsibilities:

- Developing and updating E2E automation framework with playwright, cucumber and typescript that can be executed in Sauce labs, Local machine and Docker.
- Developing and updating a performance testing framework using Java JMeter DSL, Junit and real time report using Grafana, Influx DB and Docker.
- Writing BDD scripts with Cucumber and written step definition using typescript and chai for in sprint automation.
- Developing and updating API Automation tests for MWS API using Rest Assured, Cucumber, Junit and Gradle.
- Developing and updating UI automation framework with self-healing capabilities using Healenium, Selenium, Java and Docker.
- Present newly added functionality to all stakeholders in Sprint Demo.
- Involving in Test strategy, Backlog grooming, Sprint planning and Retrospection.

Project #3:

Project Name	:	UPS Global Freight Forwarding
Client	:	United Parcel Service
Team Size	:	25
Technical Platform	:	Java
Automation Tool	:	Selenium Web Driver, Cucumber, Rest Assured, Java, TestNG and ZAProxy
CI/CD Tool	:	Jenkins, Bitbucket
Role	:	QE Automation Test Lead
Duration	:	July 2021 to June 2022

Project Description:

Our customer's job is to keep all the moving parts of global freight forwarding moving forward, no matter what. That's why our all-in-one customer portal lets customers get and compare quotes, book and track shipments and manage those shipping details on one modern, easy-to-navigate dashboard.

Responsibilities:

- Developed BDD scripts with Cucumber and step definitions using Gherkin based features.
- Updated existing methods from regression suite for the latest version of the application, increasing test coverage from 50% to 70%.
- Designed & Implemented a Hybrid Test Automation Framework using Selenium WebDriver, TestNG, Maven, and Apache POI.
- Maintaining mobile automation suite using Selenium, Java, and BrowserStack.
- Created and executed API Automation tests for REST API.
- Developed automation security vulnerability assessment using ZAProxy, Selenium, and Java.
- Presented newly added functionality to stakeholders during Sprint Demos.

Project #4:

Project Name	:	CS Underwriting
Client	:	Liberty Mutual Insurance
Team Size	:	8
Technical Platform	:	CM Auto, Caliber, Clearance & CMPM
Automation Tool	:	Selenium Web Driver, Cucumber, Rest Assured, Java, TestNG
CI/CD Tool	:	Bamboo, Bitbucket
Role	:	QA Automation Tester
Duration	:	Feb 2018 to July 2021

Project Description:

CS Underwriting is a Single underwriting system supporting all Commercial Insurance. It is enhanced collaboration between internal or external groups (e.g., Risk Control, premium Audit, Credit etc.).

Responsibilities:

- Created FNOL test cases and converted into Selenium Web driver test script.
- Developed BDD and TDD script with Cucumber and written step definition using Gherkin based features.
- Involved in converting the Manual & BPT test cases into Selenium test cases.
- Designed & Implemented a Hybrid Test Automation Framework using Selenium WebDriver, TestNG, Maven and Apache POI
- Created and executed API Automation tests for both SOAP API and REST API
- Designing the JMeter scripts and running the same on demand.
- Enable CI/CD by configuring Bamboo and triggered the regression selenium cases immediately after the deployment.
- Executed test scripts in Internet Explorer, Mozilla Firefox and Google chrome browsers.
- Involving in Test strategy, Backlog grooming, Sprint planning and Retrospection
- Writing Generic Scripts and Project Specific Scripts.

Project #5:

Project Name	:	eCLIQ – Premium Audit Enhanced Functionality
Client	:	Liberty Mutual Insurance
Team Size	:	6
Technical Platform	:	ECLPS (Commercial Policy System)
Tools Used	:	Selenium Web Driver, JIRA, Cucumber, Java,
Role	:	QA Automation Tester
Duration	:	Aug 2014 to Feb 2018

Project Description:

There are some Premium Audit scenarios, such as policies that are at minimum premium, cancelled policies and short-term policies, which are not currently supported in eCLIQ. These scenarios require a manual Premium Audit process using the TINA system. Currently, approximately 50% of all eCLIQ Premium Audits are completed using manual process.

As part of this project, eCLIQ enables premium audit functionalities which in turn increases the premium audit ability, efficiency and effectiveness. This project reduces the manual workflow effort of Premium Audit Rating team.

Responsibilities:

- Developed and executed Cucumber test cases.
- Involved in converting the Manual & BPT test cases into Selenium test cases.
- Worked in script less methods to create automated test cases.
- Executed test scripts in Internet Explorer, Mozilla Firefox and Google chrome browsers.
- Involving in Test strategy, Backlog grooming, Sprint planning and Retrospection
- Used Maven automated build scripts to compile and run the application.
- Providing the Knowledge Sharing session to the newly joined associates.

Project #6:

Project Name	:	ERPP (Enhanced Rating Pricing and Product Development)
Client	:	Liberty Mutual Insurance
Team Size	:	14
Technical Platform	:	ECLPS (Commercial Policy System)
Tools Used	:	ALM, RTC
Role	:	Manual Tester
Duration	:	Apr 2014 to Aug 2014

Project Description:

As part of the Agency Markets aims, a new Rating and Pricing process are being developed to support ECLPS which is called as ERPP. Initially a rating engine called OIE is used in Liberty which is replaced with a new Rating Engine called Ratabase. Both rating engines are compared, and rating is validated across both to ensure there is no change in Rates. Validation is done using Rating work sheets also and ensured both the rating engine premium matches by giving similar inputs. And request and response XML of Ratabase engine is validated for different pricing factors. All business Transactions covered.

Responsibilities:

- Designing the Manual test case based upon the System Requirements.
- Understanding and Analyzing Test Requirements
- Preparing Test Data Matrix and Test Coverage.
- Designing and Troubleshooting the BPT scripts.
- Providing the Knowledge Sharing session to the newly joined associates

Project #7:

Project Name	:	ECLPS Modeling
Client	:	Liberty Mutual Insurance
Team Size	:	3
Technical Platform	:	ECLPS (Commercial Policy System) & SOAP Web Services
Tools Used	:	ALM, RTC & SOAP UI
Role	:	Manual Tester
Duration	:	Feb 2014 to Apr 2014

Project Description:

The scope of the project is to validate the web service which calculates the pricing factors necessary to price an insurance policy. As part of testing, we mock scenarios using real world test data on an XML level which is used as input to validate the service. The response from the service corresponding to the XML input is validated against set of expected values derived by manually calculating the pricing values.

Responsibilities:

- Designing the test case based upon the System Requirements.
- Understanding and Analyzing Test Requirements
- Capturing test data from production environment
- Generating request xml files using test data
- Validating the pricing response from the service

Project #8:

Project Name	:	ECLPS Backlog
Client	:	Liberty Mutual Insurance
Team Size	:	5
Technical Platform	:	ECLPS (Commercial Policy System)
Tools Used	:	ALM, RTC
Role	:	Manual Tester
Duration	:	Dec 2013 to Feb 2014

Project Description:

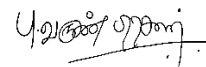
ECLPS Backlog is primarily a production defect re-testing process in the form of tickets. Each ticket is a defect and so Clear Quest is employed as a defect tracking tool where defects are managed. Each defect is a parent ticket that has multiple child tickets. The child tickets are worked upon by System Analyst, Developer, QA and the UAT teams that must be closed before moving the parent ticket for deployment, to fix the build to ensure the defect is rectified. Tickets are managed according to target release and a ticket is closed by developer head when validated by the QA and the UAT.

Responsibilities:

- Designing the Manual test case based upon the System Requirements.
- Understanding and Analyzing Test Requirements
- Designing the E2E Test cases based on the System flow.
- Executing the Manual test cases and reporting the defect using ALM
- Providing the Knowledge Sharing session to the newly joined associates

I solemnly declare that all the above information is correct to the best of my knowledge and belief.

Place: Coimbatore



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