# Priyam Gupta

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## Work Experience:

- Overall work experience is 5.3 years with currently specializing in Software Quality Assurance Testing.
- Currently working as Technology Analyst in Infosys Limited Bangalore since Mar'18.
- Worked as Programmer Analyst in Cognizant Technology Solutions Chennai from Feb'16- Feb'18.

## Professional Summary:

- Experience in Automation Testing of Set Top Boxes based on Robot Framework using Python.
- Experience in Automation Testing of Cable Modem based on Board Farm Framework with Python.
- Experience in Automation Testing of Web/OTT applications using Selenium WebDriver.
- Good knowledge on using BDD Frameworks like Cucumber.
- Good knowledge on Rest Assured API testing.
- Experience in developing and enhancing the Automation framework.
- Experience as a Tester within Agile Model and understanding of STLC, SDLC and Bug Life Cycle.
- Worked on code management tools like Bit-Bucket and continuous integration tool like Jenkins.
- Involvement in Test planning, Test Estimations and Test strategy implementation.
- Experience in devising all the artifacts of testing such as creation of Test Scenarios, Test Cases, Defect Reports and Test Closure Reports.
- Experience in Understanding the Customer Requirements and deriving the Test Scenarios based on the Requirements.
- Presented the Demo's to the stakeholders on a sprint basis.

## Skill Set

| Programming Languages | <ul><li>Python</li><li>Core java</li></ul> |
|---|---|
| Framework & Tools | <ul><li>Robot Framework with python</li><li>Selenium WebDriver with TestNG</li><li>Board Farm Framework with Pytest</li><li>Cucumber with Junit</li><li>Appium</li><li>Kibana -ELK</li><li>Bitbucket</li><li>Jenkins</li><li>Jira</li></ul> |
| Operating Systems & Database | <ul><li>Windows</li><li>MySQL</li></ul> |

## Academic Qualifications:

| Education | Institute | Year of Passing | Percentage/SGPA |
|---|---|---|---|
| B.E. (Electronics & Communication) | Lakshmi Narain College of Technology, BHOPAL | 2015 | 7.89 |
| 12th CBSE | Demonstration Multipurpose School, Bhopal | 2011 | 68.8% |
| 10th CBSE | Demonstration Multipurpose School, Bhopal | 2009 | 75.4% |

## Projects Accomplished:

**Project No: 1**

| Project Name | HZN4 Country Automation- Liberty Global |
|---|---|
| Employer | Infosys Limited |
| Work Location | Infosys Limited Bangalore |
| Operating System | Windows |
| Tools | Robot Framework, PyCharm, Jenkins, Bitbucket, Jira |
| Language | Python |
| Project Description | Horizon4 is a Set Top Box device which delivers high resolution On Demand Content to the end user home directly. The user can also watch Live TV and record high resolution content like 4K/HD. Horizon 4 offers content to different tenants(countries). We perform automation testing on different environments like Prod/Preprod/Lab. |
| Role | Technology Analyst |
| Responsibilities | ➤ Worked on Test Automation framework enhancement based on Robot framework. <br> ➤ Developed new Testcases for feature like VOD, CMM. <br> ➤ Used Jenkins for execution of regression suite and bitbucket for code management. <br> ➤ Used Kibana for results and failure log analysis for the daily test executions. <br> ➤ Involved in failure analysis and fixing of the test cases. |

**Project No: 2**

| Project Name | Telemetry Board Farm Automation- Liberty Global |
|---|---|
| Employer | Infosys Limited |
| Work Location | Infosys Limited Bangalore |
| Operating System | Windows |
| Tools | Board Farm Framework, Pytest, PyCharm, Jenkins, Bitbucket, Jira |
| Language | Python |

| Project Description | Telemetry Automation intends to automate test cases related to Cable Modem in order to achieve a bug free, high quality product. We intend to pass different object ID's to two different Servers i.e. SNMP and ACS, then poll the responses and compare them. |
|---|---|
| Role | Senior Systems Engineer |
| Responsibilities | ➢ Developed automation scripts using Python for different modems based on Board Farm framework with Pytest.<br>➢ Experience in Configuration management including Provisioning of modem by modifying the config file in order to reboot and update the modem with latest configuration in TFTP Server.<br>➢ Worked in CI/CD tools like Jenkins for executing regression suites and Code Management tools like Bitbucket.<br>➢ Involved in Regression Suite testing, failure analysis, fixing and reporting of suite.<br>➢ Developed automation scripts to extract top 50 country specific URL's and perform mass Browsing. Worked on Kibana UI Dashboard creation and Visualization through Graphs. |

**Project No: 3**

| Project Name | Horizon Go Automation- Liberty Global |
|---|---|
| Employer | Infosys Limited |
| Work Location | Infosys Limited Bangalore |
| Operating System | Windows |
| Tools | Selenium Web driver, Appium, TestNG, Bitbucket, JIRA, Jenkins, Maven, Kibana |
| Language | Core Java |
| Project Description | Horizon Go is a multiscreen OTT application that turns our device into a TV so that we can watch our favorite shows or movies from anywhere. It includes access to the most watched channels so our favorite shows most popular series and our extensive On Demand movie library. We can also review the TV guide, see what on and set recordings. Horizon go can be accessed over Web, TV's, smartphones and tablets just like Netflix or Amazon prime. |
| Role | Senior Systems engineer |
| Responsibilities | ➢ Developed Automation framework using Selenium Web Driver with POM based model and performed testing across various platforms like Web, TV and Mobile.<br>➢ Underwent negative testing to verify that application handles invalid input or unexpected user behavior (part of regression testing).<br>➢ Executed exploratory test cases in order to explore the application with respect to end-user scenarios, knowledge of past defects<br>➢ Involved in New Feature testing to verify that new feature works in accordance with requirements. Functional tests targeted to the feature.<br>➢ Performed POC's for mobile application using Eggplant.<br>➢ Daily execution of all the Test Cases through Jenkins.<br>➢ Participated in everyday follow up of execution results and hardening/enhancement of the automation framework. |

**Project No: 4**

| Project Name | AMQA STB Automation- Charter Communications |
|---|---|
| Employer | Cognizant technology Solutions |
| Work Location | CTS Chennai |
| Operating System | Windows |
| Tools | STB test controller (TMC Labs), SQL, Git, SWORD, Test Work Bench, Putty |
| Language | Ruby |
| Project Description | AMQA STB Automation is functional testing of different guides available for testing across different available STB's. All these guides process Live TV, IPTV, DVR Playback & VOD content. Triggering events like recording, trick-mode, pause and play over different spectrum guides available will generate events in the different stages of VDL and then validation of those events followed by generation of reports. |
| Role | Senior Systems Engineer |
| Responsibilities | ➢ Developed automation scripts which will trigger events in VDL Databases covering different stages. Worked on different set of spectrum guides.<br>➢ Worked on ROI (Image and Text capturing) which are used for validations.<br>➢ Validation and Analysis of triggered events in Hadoop VDL/SDL using Beeline SQL.<br>➢ Execution and Scheduling test plans and Reporting of Test plans.<br>➢ Smoke Testing of different STB's and their behavioral analysis.<br>➢ Involved in Requirement gathering, analysis and Test Steps creation. |

## Personal Profile:

| Name | Priyam Gupta |
|---|---|
| Date of Birth | 12-01-1993 |
| Sex | Male |
| Nationality | Indian |
| Marital Status | Single |