# GOPI BHAGAM

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**CAREER OBJECTIVE**

**3.11 years of experience** in design and develop a test scenario and develop a test script using python. Expert in embedded system development and silicon automation development.

**WORK EXPERIENCE**

* Currently working as an Automation Developer - Software Testing member at **US Technology International Private Limited (UST).** Bangalore
* Worked as an Automation Test Engineer (SDET) member at **MOBIZENT SOFTARE TECHNOLOGIES Private Limited.** Hyderabad

**PROFESSIONAL SUMMARY**

* Great exposure on different automation techniques like **API** and **Web Application Automation (Selenium) using Python.**
* Experience on **manual testing.**
* Good Knowledge on **Linux commands**
* Writing and executing **automation scripts and analyzing script failures.**
* Excellent understanding of **Software Development Life Cycle** (**SDLC**), **software Test Life Cycle** (STLC), **Test Methodologies** & **JIRA.**
* Strong skills in performing various tests such as **API, Functional, Regression and E2E on Web Application.**
* Good Knowledge on **ORACLE**,S **Pytest, Unit test.**
* Experience with version control system like **Git.**
* Experience on different fileparsing techniques like **xml**, **JSON,** and **HTML**.
* Expertise in different python modules like **os, sys, sub process, paramiko, pytest, Selenium, Request, Re, PYQT5**, **Socket, Threading**, **NumPy, Pandas, Matplotlib, cx\_oracle, zipfile**.
* Strong ability to analyze the root cause of the issues and finding a best solution.

* Good understanding and experience with Agile process of development.

**TECHNICAL EXPERTISE**

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| --- | --- |
| **Programming languages** | Python, Shell script |
| **Operating Systems** | Linux, Windows |
| **Tools and IDE’s** | Selenium, JIRA, GIT, PyCharm, IDLE, VM Ware, HSDES, Tera term, Putty, Sprinter, Test controller |

**PROJECT DETAILS:**

## **PROJECT-1:**

**Project Title :** BIOS - IFWI Firmware integration & validation using CCMT Framework

**Role :** Automation Developer

**Client :** Intel Technologies

**Duration :** Aug-2021 – Till Date

**Environment**  **:** Python3.8.1, Sprinter/Tester Controller, windows10&11

**Software’s :** python

**Description:**

Writing test cases as per client requirements on Bios/Firmware integration & validation. Deploying UDLs code using python. Deploying developed test cases in CCMT Framework. Executing the tests using sprint application, Logging Defects and Tracking updates the results in HSDES Application.

Responsibilities:

* Implementing the Unit testing of the Python code.
* Responsible to develop, debug, enhance the Python code as per Testcase requirement.
* Basic knowledge on the use of different Automation hardware with their basic working  
  principle and having knowledge on first level of debugging related to different Hardware.
* Basic understanding on different automation hardware like KVM, Raritan, NUC, KBD,TTK, Relay, LED state indicators, Mira box and many more.
* Running different python scripts in the automation setups and finding the root cause of  
   the issue related to scripts as well as Hardware.
* Having complete knowledge on executing DailyCI, EBAT and ProductionBIOS/IFWI/ related test cases in automation environment.
* Work experience with Intel Frameworks like CCMT in automation  
   environment. (BIOS, IFWI related testcases)
* Work on multiple platforms like Alder Lake, Raptor Lake.
* Support for execution team.
* Enabling the automation setup (hardware & software)

**PROJECT-2:**

**Project Title :** Core Apps Automation using ATS Framework

**Client :** LG Soft India Pvt Ltd.

**Duration :** May-2020 – July-2021

**Role :** SDET

**Software's :** Python, Selenium, Pytest, PyQT5

**Description:**

ATS is a test automation data driven framework which can be used to configure the test, write a test case, creating test suites for LG Smart devices.

**Responsibilities:**

* Requirement analysis and understanding and converting test cases into automation scripts.
* Regression testing automation for Home Launch application
* Rest API automation for account web service
* Settings application automation using selenium
* End to End automation execution and performing the result analysis.
* Fixing the automation issues & identify system failures
* Responsible for designing and developing for Home lunch app interface
* Skilled in using the Qt Designer tool to create the design GUI customize development
* Experienced in designing and developing widgets, buttons, label, textbox by using Pyqt5

**PROJECT-3:**

**Project Title :** WebOS System Service API Automation

**Client :** LG Soft India Pvt Ltd

**Duration :** Nov-2019 – Apr-2020

**Environment :**WebOS,Python,pytest

**Role :** SDET

**Description:**

WebOS is an operating system for LG Smart TV. It has many middles ware services. Each service is responsible for the management of platform services.

# Responsibilities:

* Requirement analysis and Test case creations and reviewing.
* Writing automation scripts for APIs to test its functionalities.
* Owned the services app manager, app installer, media, notification and temped
* Result analysis and creating bugs for API failures
* Developing and reviewing the code

## **PROJECT-4**:

**Project Title : End-End System Testing**

**Client :** LG Soft India Pvt Ltd

**Duration :** May-2019 – Oct-2019

**Environment :W**ebOS,Python,Pytest

**Role : SDET**

**Description:**

WebOS is an operating system for LG Smart TV. It has many middles ware services. Each service is responsible for the management of platform services.

# Responsibilities:

* Requirement analysis and Test case creation, reviewing.
* Responsible of flashing the device with new web OS
* Performed BAT, System Testing, Regression, and performance testing
* Designing and implementing a test case
* Identifying the bugs and raising an issue in JIRA

**EDUCATION DETAILS:**

* **B. TECH** in MECHANICAL ENGINEERING from, **KAUSHIK COLLEGE OF ENGINERING,** AP in 2019
* Completed **DIPMOLA** in **MECHANICAL ENGINEERING** under board of SBTET AP in 2015.
* Completed **SSC** under board of Secondary Education in 2012.

**PERSONAL DETAILS:**

#### Father’s Name : Koteswararao B

* Mother Name : Tirupathamma B

#### Date of Birth : 12/08/1997

* Nationality : Indian

**DECLARATION:**

#### I hereby declare that the information furnished above is correct and true to the best of my knowledge.

#### Bangalore (Gopi.B)