**Bibin Venugopal VK**

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**Python Scripting/ Mobile Device Testing**

#### SUMMARY

* An articulate bachelor of Computer Science, Offering 3.5 years of experience in Software Testing.
* Currently working with Larsen & Toubro Technology Services as a “Test Engineer”.
* Expertise in Software Test Automation Scripting using Python.
* Experience with various product development methodologies like Agile, V-model.
* Good understanding of the Software development Life Cycle (SDLC) and various Software Testing methodologies.
* Strong coding skills in Python.
* Strong Object Oriented design and development skills.
* Experience in Test Driven Development.
* Thorough understanding of PDLC Phases starting from knowledge transition, requirements gathering, designing & documenting architecture, testing, implementation and post-implementation support.
* Strong experience in testing Android based devices.
* Well experienced in testing native iOS and Android application.
* Domain Knowledge of Android OS with the internal structure.
* Has ability to Develop Unit and System level tests.
* Experience in modification of test automation tool with Python and Java.
* Good understanding and working knowledge of Programming languages : Java ,C ,C++
* Experience in performing problem analysis to determine root cause of the bug.
* Expert in Test Automation tools : Monkey Talk
* Exposure to Test Automation tools : UI Automator
* Proficient in testing strategies like Sanity Testing, Feature testing, Regression testing, Performance testing, Compliance testing, Stress Testing, Interoperability Testing and Stability testing along with task coordination.
* An excellent team player with strong communication, leadership, analytical, organizational and technical skills.
* Successful track record in accomplishing assigned projects within agreed cost/time lines without incidences of overruns.
* Excellent knowledge of Test management tools.
* Sincere and dedicated towards work and ability to quickly adapt to new assignments.
* Adept in delivering effective solutions both in terms of cost effectiveness and quality to offer high value proposition to organization and its customers.
* Strictly adhering to the quality standards and strive hard to provide quality output.
* Passionate about exploring and learning new technologies and tools.

**SKILLS**

* Operating System/Mobile Platforms : Windows, Android, Linux
* Programming Language : C, C++, Python, Java
* Scripting Skills : Python , JavaScript
* Key Skills: Mobile test Automation, Python Scripting, shell scripting and manual testing.
* Defect Management tools : JIRA , Redmine
* Configuration Management tools : SVN
* Test Automation tools : Selenium, Monkey Talk, UI Automator.
* Database : MySQL , MS SQL Server
* Web Technologies / Frameworks :HTML ,Java Script , CSS, JSP
* UI/UX Design : Dreamweaver
* IDE : Eclipse, Net Beans

**PROFESSIONAL EXPIERIENCE**

**L&T INFOTECH DEC-2010-Till Date**

**Test Engineer**

* Requirement Gathering and Produce Test Plan and high level Test Scenarios.
* Understanding overall product requirements and architecture for test optimization.
* Contribution to development of System Test Automation framework for Functional Testing of Android devices using Python.
* Development – Developing automation scripts for various features using Python and Java.
* Engineering test cases design/strategies for design verification/product validation.
* Performing Code reviews for Automation scripts.
* Writing Test cases as per the Functional specifications.
* Creating and reviewing test suites for execution
* Interacting with the development team for Issue Clarification.
* Preparing Traceability Matrix for Functional Coverage.
* Prioritizing the defects found in testing using Defect Triage Meeting
* Creating new stability scripts for automated stability test.
* Make device specific changes to Stability framework/scripts using Python.
* Testing the interaction between Drivers and Multimedia Applications.
* Regression Testing for full phone feature validation
* Providing support to development team in debugging activities
* Engineering test cases execution for regression & non regression cycles and updating test results on Test Central 4.0
* Using Monkey tool for Stress testing / UI exercise.
* Complete OTASU (Over the Air Software Update) testing.
* Document Lesson Learned and develop preventive actions
* Communicating the test results to the Client.
* Executing Exploratory testing according to Product requirement.
* Logging of bugs/defects on JIRA
* Conducting KT sessions for new joiners/interns on Python and Java

**Achievements:**

* Developed an Automation tool for system Test of Android based devices in Python
* Delivered well-documented Software Test Plans, designed Test Cases based on User Requirements Specification, Use case documents and production defects.
* Best counts for Critical defect logged
* Appreciation from client and management for dedicated working
* ISTQB Foundation level certified.
* Brainbench Certified Python Programmer.
* Selected as Achiever of the month by Testing Service BU

**TECHNICAL EXPERTISE**

**EDUCATION:**

* **Master of Computer Application:** Appeared Karnataka State Open University
* **Bachelor of Science (Computer Science) -2010,** 78%, Calicut University, Calicut, Kerala
* **10+2 (H.S.C) – 2007,** Percentage: 80%, Board of Higher Secondary Examination, Kerala
* **10 (SSLC) – 2005,** Percentage: 81%, Board of public examination, Kerala

**PERSONAL PROFILE:**

## Nationality : Indian

## Date of Birth : March 4, 1990

Marital Status : Single

Languages Known : English, Malayalam, Hindi

Current Location : Bangalore