**Name: Bhakti Joshi**

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# EXECUTIVE SUMMARY:

* Over 5.5 years of IT experience with 2+ years of experience in python development.
* Experience in core python development for healthcare-based devices.
* Exposed to devops CI/CD implementation through technologies like groovy scripting and shell scripting, tools – Jenkins
* Hands-on experience in python development and worked with matplotlib, pandas with python.
* Around 3 years of experience in Manual Testing, Functional Testing, Regression Testing, Performance Testing using various tools like VSTS 2010; LoadRunner version 12.53; WAPT version 4.0, Mobile Application Testing, Cross-browser testing.
* Certified ISTQB Tester.
* Good knowledge in Java Programming for automation testing.
* Experienced in creating testcases, executing test cases using, logging critical defects using defect tracking tools like SPIRA, JIRA, IBM’s ClearQuest.
* Extensive Experience in different types of SDLC like waterfall and Agile models.
* Proficient in Performance testing using various tools.
* Extensive experience in creating performance test scripts in multiple tools.
* Experience in monitoring server counters like throughput, CPU utilization, disk utilization with Windows Perfmon, BMC Proactivenet as well as client-side monitoring counters like transaction response times.
* Experience in various protocols like http/html, Web TruClient protocol in LoadRunner.
* Ability to execute the performance test scripts using StormRunner and VSTS with load emulation, location emulation, network emulation.
* Extensively worked with execution of multiple scripts using mix run scenarios, with various types of testing like stress and load testing.
* Very good team player with excellent communication, analytical and problem-solving skills.

# TECHNICAL SKILLS:

* Python Development: Python, Pandas, Matplotlib
* SQL Data bases: MySQL, SQLite
* Defect Tracking Tools: JIRA, SPIRA, Clear Quest.
* Performance Testing Tools: VSTS 2010, WAPT, Load-runner, Storm-runner (for execution).
* Operating Systems: Linux, Windows.
* Programming languages: Java.
* Other Tools: Eclipse IDE, SVN.
* Devops: Jenkins.

## PROFESSIONAL EXPERIENCE:

**Capgemini Technology Services India Limited (Project: GE Healthcare)**

**Mar19 – Till Date**

**Consultant [Python Developer]**

**Responsibilities:**

* Translate complex functional and technical requirements into detailed design.
* Design an automated system to update the software of the healthcare devices.
* Implemented functionality for the sending the alarms to the device[xray] to notify the software updates available in python.
* Write unit level test cases in python to test the detailed functionality in python.
* Displaying the reports in visually presentable format i.e. table, after integrating the test cases with existing framework.
* Implemented Continuous Integration, Continuous Deployment, by implementing devops
* Worked with Jenkins, groovy, docker, GitLab, Unix shell scripting to implement CI part
* Participated in Scrum and Sprint meetings.

**Mastek Ltd (Project: Specsavers)**

**May 15 – Jan 17**

**Python Developer**

**Responsibilities:**

* Translate complex functional and technical requirements into detailed design.
* Design a system.
* Load data into database using a sql scripts in python.
* Load data from SQLite to matplotlib/pandas using python.
* Displaying the reports in visually presentable format such as graphs/tables.
* Participated in Scrum and Sprint meetings.

**Mastek Ltd (Project: SEI)**

**Mar 14 – May 15**

**Senior Quality Engineer (Automation and Performance Testing)**

Involved in creating performance test scripts and executing the same. Test the performance of the application being developed in java having Linux based servers. Testing of application on various mobile handsets, and different browsers.

**Responsibilities:**

* Understanding the business flow and internal architecture of the application under test.
* Involved in planning Effort Estimation and Project Management till final delivery of projects.
* Interacting with Client POC in resolving issues/observations in the application.
* Identify business critical 20 scenarios.
* Identify the test cases to be automated.
* Create performance test scripts for the listed scenarios.
* Total no of users will be distributed among all scenarios. As client has provided license for the WAPT Tool, the users will be distributed in the manner to achieve the target volume.
* Script reviews and Finalization.
* Performance Test Environment Preparation & Prepare data set-up for the rounds of load tests.
* Baseline Test and prepare detailed reports.
* Monitor servers using BMC Patrol Performance management.
* Prepare test analysis report High level / Detailed report for Web Application.
* Execution of the scripts using cloud-based tool stormrunner.
* Emulation of real time scenarios with network, location, and number of virtual users.
* Generating the report and presenting it to the client with detailed analysis on the root cause of performance issues.
* After fixing the bottlenecks/fine tuning the application by application team, subsequent test will be executed, and results will be compared with previous execution.
* Identify the test cases to be automated.
* Analyze the results over Performance of the application, documenting them as reports and deliver them to Customer.
* Status Reporting to the Onshore team on daily basis using Mastek developed Expedite framework for reporting.

**Mastek Ltd (Project: Aditya Birla Insurance)**

**Sep 13 – Feb 14**

**Test Engineer (Performance Testing)**

Test the performance of the application being developed in C#.net.

**Responsibilities:**

* Creating performance test scripts using Visual studio 2010.
* Execution of load tests and stress test and measuring the transaction responses.
* Monitoring server counters using perfmon in windows machine.
* Highlighting the performance issues within the application to the client.

**Mastek Ltd (Project: Heritage Insurance Company)**

**Mar 13 – Aug 13**

**Test Engineer**

To test web-based application for non-life insurance i.e., property and casualty for US based Insurance company.

**Responsibilities:**

* Extensive test case preparation experience for regression testing, functional testing, Browser Compatibility Testing.
* Involved in planning of Manual Test Case Executions.
* Logging defects in JIRA.
* Experienced in working in Agile methodology.

**Mastek Ltd (Project: Cypress Insurance Company)**

**Nov 12 – Feb 13**

**Test Engineer**

To test web-based application for non-life insurance i.e., property and casualty for US based Insurance company.

**Responsibilities:**

* Extensive test case preparation experience for regression testing, functional testing, Browser Compatibility Testing.
* Logging defects in JIRA.
* Experienced in working in Agile methodology.

**Mastek Ltd (Project: National Automotive Insurance Company)**

**Jul 12 – Nov 12**

**Test Engineer**

Testing web-based application for the US based Automobile Insurance company.

**Responsibilities:**

* My role was to understand requirement and prepare test cases.
* Had successfully executed the test cases and logged many critical defects using IBM’s Clear Quest for defect tracking.
* Experienced in working with waterfall model.

## EDUCATION:

Bachelor of Engineering in Information Technology, Mumbai University.