MANJULA Mobile: +1 2623665056

**Career Objective and Profile:**

My technical domain expertise spans on Python,Data analysis ,machine learning, SIP, and IMS technologies ,experience on Linux and Solaris platform, and excellent knowledge on python and Robot Framework automation. Seeking for an opportunity to showcase my learning and skills to help the organization grow and in turn want to professionally & personally.

**Education:**

* MCA (Master of Computer Applications) from BMSCE (Affiliated to VTU, Belgaum, Karnataka), Bangalore with 82% (Distinction).
* B. Sc. from Govt Science College , Chitradurga with 87%
* 12th (CBSE) from Jawahar Navodaya Vidyalaya with 80%
* 10th(CBSE) from Jawahar Navodaya Vidyalaya with 82% .

**Professional Summary:**

* Dynamic professional with **7 years** of working experience in **automation in telecom** industry

from Jun-2010 till this date.

* Experience in **Python,Data analysis using pandas,numpy.**
* Very good in **analyzing test results** and in **de-bugging** test script.
* Automation framework development on Netact using the **Selenium Webdriver**.
* Feature testing for the **Multimedia telephony Application Server of IMS networks**

**and class5 switch.**

* Working knowledge on Linux, Solaris and Windows operating Environments.

**Technical Skills:**

**Automation Tools:** Python,Pycharm, Selenium webdriver,Robot Framework  
**Programming Languages:**  Python,core Java,C  
**Databases:** MYSQL, SQL Server  
**Operating Systems:** Windows 7 and Windows10, Ubuntu.

**Test Management tools :** JIRA, Quality Centre, Clearquest  
**Build Tools:**  Maven and Jenkins.

**Version control Repository :** Github

**1.Data science and Machine learning using Python**

**Client:** Working as Freelancer for different clients such as kaggale

Duration: Jun 2016 to current.

Tools used: Python,pandas,numpy,scikit-learn ,github,wordpress

**About Project:**

* Solving real world Data science problems with hybrid strategies.
* Hands-on at Regression, Classification, Clustering, Text Analytics,Visualization , Optimization.
* Very good at analyzing the data using Pandas and numpy and visualization using matplolib.

**2.Python and Robot framework Automation**

Company: Verizon Data services, Bangalore

**Automation Tools:** Python, Robot Framework

**About Project:**

Sponsored data using FreeBee , consumers can enjoy video, audio, and applications free of charge on America’s largest and most reliable LTE network.

**Roles and Responsibilities:**

* Responsible for the automation of testcases of diiferent modules of sponsered data such as freebee,hbee using Robotframework
* Regression testing and automating testcases by Analyzing the logs and FRS

**3. Netact (Network management system) Automation**

**Client:** Verizon  
**Team size:** 10.  
**Environment:** Windows 7, Linux  
**Automation Tools:** Java, Selenium Webdriver, AutoIT , Sikuli and Robot Framework

**About Project:**

Netact is the Nokia network management system which perform the Configuration, fault management and performance management of the integrated network elements .

**Roles and Responsibilities:**

* Responsible for the automation of Netact with Load balancer such as integrating the load Balancer with Netact , performing Fault management ,Configuration management and Performance management operations in Netact.
* Develop test framework using Selenium Webdriver and Robot Framework.
* Integration with Jenkins for nightly execution.
* Responsible for Execution of test cases on load balancer and Verification and Validation of test cases against requirement by analyzing the SUT logs.
* Execution of cases for the P6 and P7 releases and reporting the Execution status
* Analysis of nightly execution and prepare bug Report.

**4. IMS Application server (MMTEL-TAS) testing**

Clients:  Mavenir,D-TAG,T-Mobile.

Duration: Aug 2012 to Oct 2014.

Protocol: SIP, DIAMETER,LDAP,MAP,CAP,INAP

Tools used: Clearquest, SIPP, Wireshark Analyzer, EAST.

Environment: Linux

Role: Test Engineer.

Team Size: 2

**About Project:**

The Multimedia telephony Application Server providing voice and video services to Sip clients. The TAS is IMS Application server acting as B2BUA for all SIP Dialogs. TAS also provides number of legacy interfaces towards CS domain ,which facilitates Subscriber migration to IMS and provides support for subscribers having both legacy and IMS sharing single MSISDN.

**Roles and Responsibilities:**

* Responsible Feature testing of TAS for features such as Registration , Basic-call, Call-Forwarding, Translation , Call barring, CS-fallback and other supplementary services.
* Involved in Identifying manual test cases for automation
* Involved in automating the test cases in EAST and SIPP.
* Responsible for Execution of test cases on EAST server and Verification and Validation of test cases against requirement by analyzing the SUT logs.
* Execution of Sanity suites for the new releases and reporting the Execution status.

**5. Access Server(ASX) testing**

Clients: :  Alestra, AOL, AT&T, AT&T Wireless, Bandwidth.

Duration: Jun 2011 to May 2012.

Protocol: SIP.

Tools used: Clearquest, SIPP, Wireshark Analyzer, EAST, ATS framework.

Role: Automation Test Engineer.

Team Size: 7

**About Project:**

The Sonus ASX Access Server provides line-side support for subscriber devices, call agent functions, and line-side access features. The ASX interfaces with the packet network using 100 Base-T Ethernet and supports MGCP, SIP. The ASX runs on a Sun Netra platform and performs call agent functions including call setup and feature signaling for IP-based endpoints.

**Roles and Responsibilities:**

* + - Responsible for manual testing for features such as Find-me, call-hold, call-park and pickup, three way conferences and preparation of regression suite.
    - Execution of regression/automation suite execution as and when needed.

**Interests & Activities**

* Programming, Blogging,Youtuber

**Skills/Strengths**

* Creative thinking, good analytical skills, ability to learn new things quickly, flexible to

any environment and good communication skills.

* Proven ability to learn quickly and apply new technologies.
* Exceptionally well organized, strong work ethics and willingness to work hard to achieve

employer objectives.

**Achievements**

* Received “Snap Award ” for best performance at client.
* Received client appreciation for delivering the quality ensured products on time.
* Self motivated blogging on new technologies such as Machine learning and AI

**Personal Dossier:**

* Date of Birth: 01-May-1987.
* Current Address: #257, 1st Floor, 13th main, 2nd block, BSK 1st stage, Bangalore- 560050.
* Linkedin link: <https://www.linkedin.com/in/manjula-thimmareddy-31a8b062/>
* Github link: <https://github.com/mthimmareddy>
* Personal Blogging link: [http://Programwithpython.ml](http://Programwithpython.ml/)

**Declaration:**

I hereby declare that the above written particulars are true, complete and correct to the best of my knowledge and belief.

Place: Bangalore Signature of Applicant

Date:10/03/2017 (Manjula)