

Maheedhar Kakarla

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Summary

To work in the most challenging position with an organization that provides ample opportunities to learn and to contribute in the field of automation or development henceforth improving my technical skills and contributing to the growth of the company.

Work Experience

- Around **3.6 years** of professional experience as a software engineer at **CISCO Systems, Inc.** Bangalore

Professional Experience

- Good IT exposure with great technical skills with **Python** Programming in different platforms.
- Good exposure on regular expression using python re module.
- Experience on different file parsing techniques like XML, JSON and List.
- Knowledge on sqlite3 DB connection using Python.
- Experience in Web Application automation using Selenium Web driver with Python
- Knowledge on GUI Implementation using Python
- Knowledge on Client-Server Application using socket programming module
- Experienced with software development life cycles by adhering the Agile methodology
- Good understanding and experience with Agile process of development.

Skills

Programming Skills	Python, Selenium webdriver
Operating Systems	Linux and Windows
IDE/Tools	Pycharm, Putty, WinSCP, VNC Server, Beyond Compare, GIT and JIRA
Protocols	SIP,TCP/IP,UDP,SDP,RTP,RTSP,FTP,SMTP

Projects

Project 1: CME (CISCO Unified Call Manager Express) Stability Automation Development

Duration : June 2015 – Till Now
Automation/Development : Automation
Technology Used : Python, Linux, TNG Framework and VOIP.
Operating System : IOS and Windows
SDLC : Agile
Role : Team member

Description: Worked on CME Stability and Reliability automation development for both G2 and G3 routers.

Stability: Series of actions will be performed on the targeted phones and CME for minimum 1 hour and memory leaks will be collected, if any.

- The Device CME acts like a manager using which VOIP calls can be done among CISCO IP phones which work on telecom protocols like SIP, SDP, TCP, UDP, RTP, RTPS protocols.
- Different features supported on CME for CISCO IP phones are Call Hold/Resume, DND(Do Not disturb), Call Transfer, Call Conference, Shared-line, Call-forward b2bua all, Presence(BLF speed-dial) and VHG etc.

Responsibilities:

- Understanding the requirements, designing the test cases, reviewing the test cases and designing the plan.
- Designing, testing, developing and reviewing the automation code.
- Issues Fixing
- Manual testing done for newly added 78xx/88xx CISCO IP phones and features like Ccharge, Connected Conference, Park Pick-Up, Live MoH etc. in CME's internal project called JIVE, Phoenix, Pulsar, Discover where feature support was added for these phones.

Educational Qualification

- PG in MBA from KL University, Vijayawada with 7.2 CGPA.
- B.Tech in Electronics and communications passed out in 2012 with 72% from JNTUK.
- 12th from Board of Intermediate Education, AP in 2008 with 92%.
- 10th from Board of Secondary Education, AP Board in 2006 with 85.6%.

Personal Details:

Date of birth : 12/08/1991
Languages Known : Telugu, Hindi and English
Nationality : Indian
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Declaration:

I hereby declare that the information provided above is true to best of my knowledge.
I am responsible for any discrepancy found.

Maheedhara rao Kakarla