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Professional Summary

Overall **14+ years** of Experience in Software Development, Automation and Manual Testing using various Methodologies. Having **6+ years** of experience in **Python Development** and **Python Automation**

- Python, **Pyramid**, **Django**, **Jinja Template Engine**, **Flask**, **Bottle**, **mod_wsgi**, **Apache 2.4**, **Mongodb**, **Sqlite3**, **ORM**(SQLAlchemy), MQTT(Message Queuing Telemetry Transport) **messaging Protocol**, **PostgreSQL**, REST based API

- Worked on Python Libraries(**Paramiko**, **Pycrypto, Cherrypy, PyMongo** and **QueueService of Azure**)

- Experience in continuous integration deployment using Jenkins

- Integration of **Plum device** with **Python Flask** using **sparkplug** python Library

- Experience in project environment set up which includes bug management tool (**Jira**), Test case management tool (**Test Link**), Continuous integration tool (**Jenkins**)

- Hands on experience in **automation** scripting using **Selenium**1.0 and 2.0 (**Ruby** and **Java**) using **Cucumber**

- Automation experience on **Robot framework** using **autoitlibrary**

- Worked on **Bash** (**Shell**) scripting to generate build images.

- Experienced in automating **CLI** commands, **T**-commands

- Well acquainted with Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).

- Performed Smoke Testing, Integration Testing, System Testing, Regression Testing and Compatibility Testing.

- Reviewed test cases for peers and given valuable comments about test case coverage and functionality.

- Experience in manual testing of Hand held mobile devices.

Experience summary

- Working as **Lead Consultant** at **ITC INFOTECH LTD**, **Bangalore** from December 7th 2016 to Till Date
- Worked as a **Specialist** with **TATA ELXSI** , **Bangalore** from September 2015 to 9th August 2016
- Worked as a **Technical Lead** for **HCL, Bangalore** from September 2010 to August 2015
- Worked as **Product Engineer** for **Symphony Services Corp. (India) Pvt. Ltd**., **Bangalore** since Feb' 2009 to May 2010
- Worked as **Senior Software Engineer** at **Aricent Technologies Pvt. Ltd**., **Bangalore** since

April 2004 to August 2008

- Worked as **Software Engineer** at **Jataayu Software Pvt. Ltd**., **Bangalore** since Jan' 2003 to Oct' 2003

Education

- MCA from Bullaya College, Visakhapatnam with 67% marks in 1997
- B.Sc. (Computers) from MPR College, Visakhapatnam with 65.5% marks in 1994.
- Inter from BVK College, Visakhapatnam with 62.2% marks in 1991.
- 10th from KV, Bacheli with 61% marks in 1989

Technical Skills

Operating System	:	Windows 95/98/NT/2K, Red Hat- Linux
Languages	:	C, C++, Java, COBOL, VB.Net, Python
Database	:	MYSQL, Sqlite3, SQLAlchemy, PostgreSQL
		VB Script, JavaScript, Ruby, Python,
Scripting Languages	:	Shell(bash,sh)
		QTP-UFT 11.50, Selenium and Silktest, Robot
Testing Tools	:	framework
Test Mngt Tool	:	HP Quality Center, TestLink, Jira
Configuration Management Tool	:	SVN, CVS and Clear Case

Onsite Travel/Experience

Visited customers site for Transition Holding **US B1 Visa(ME)**

- United States – Webster NY(XEROX)

Project Details

Project1:

Project Name	Polycom Automation
Client	Polycom
Technology	**Python , JIRA, Jenkins, SVN, Test link, CIDD, PIP, Putty**
Position	Lead Consultant
Duration	Dec'16 to Till Date

Automating all the Lync related test cases, BAT test cases, Sanity test cases which include point to point call, Multi point call and Conference call. Automating different Web page of the product on different type of browsers.

Responsibilities:

- Robot Framework used to automate all the Lync related test cases, BAT test cases, Sanity test cases which include point to point call, Multi point call and Conference call. All call types are

made through SIP or H323 protocol.

- Created own API's for executing the above mentioned test scenarios.
- Worked on Polycom Devices like Group series, HDX devices to make call from one VOIP end point to other VOIP end point.
- Automated Windows application GUI using AutoITLibrary.
- Used Telnet and SSH library to connect to Telnet servers and execute commands on the opened connections.
- Automated test cases related to content sharing, memstats
- Automate the different Web page of the product by using Robot framework which has Selenium WebDriver on different types of browser.
- Localization Test for the Web Page of the product.

Project2:

Project Name	Ford Direct
Client	Ford, US
Technology	**Python, Pyramid Frame Work, , Newrelic API to REST API calls, Nginx, CentOS, Mongodb**
Position	Lead Consultant
Duration	May'16 to August '16

Ford Direct is a web based project, majorly there are two units in this framework one is Admin Maintenance Tool (AMT) and Dealer Maintenance Tool (DMT), In AMT we have all admin right privileges, where in DMT all new enrollments will be happened in form of XML.

Responsibilities:

- Feature enhancement and bug fixes
- Involved in code reviews
- Logging into Jira for more info on Tickets
- Weekly calls with clients to update on tickets

Project3:

Project Name	Lifeline Vi IP with DMP(**IOT**)
Client	Tunstall Limited, Uk
Technology	**Python, Flask, Bottle Frame, Sqlite3, Apache, JSON, MOD_WSGI, shell(bash.sh), Pycharm, Git Hub**
Position	Specialist
Duration	Sep'15 to Apr'16

The Lifeline VI IP product shall be a new Telecare product from Tunstall, offering the user with connectivity options of GSM, GPRS, 3G and Ethernet Broadband connections to report alarms/events to ARC and seek necessary help.

The integrated system of LL VI IP, DMP & ARC shall provide:

- ·Ongoing monitoring of LL Vi IP status by DMP
- ·Software and configuration updates of LL Vi IP by DMP
- ·Alarm calls and background calls to Tunstall ARC via data and voice channels of Ethernet, WIFI, GSM, GPRS and UMTS.
- ·of Receive triggers/events from Tunstall RF Sensors(including Pendant) and Device buttons to raise alarm calls to Tunstall ARC (PNC)
- ·Use DTMF and Tunstall's STMF for in-band communication of alarms in TT92 ST, TT21 ST and BS8521 Protocols over GSM phone call with PNC
- ·Use Ethernet, 3G and GPRS interface for IP connectivity, to register with Asterisk SIP Servers and avail VoIP/SIP/IP services
- ·Make Voice Over IP (VoIP) Calls using SIP protocol to Tunstall ARC
- ·Receive Voice Over IP (VoIP) Calls using SIP protocol from Tunstall ARC
- ·Exchange alarm information using SCAIP with ARC over SIP
- ·Exchange alarm information using IPACS with ARC over UDP
- ·

DMP is web based application which is deployed on Cloud. Software Updates via DMP

Responsibilities:

- Development of Backend Server Side & Client Side using Python , Bottle frame work

- Involved in code reviews

Project4:

Project Name	eCFD(Enterprise Computational Fluid Dynamics)
Client	ECFD, Boeing
Technology	**Python, Bottle Frame work, Mongodb, Apache, JSON, MOD_WSGI, REST API, Pycharm, Git Hub**
Position	Technical Lead
Duration	Jul'13 to Aug' 15

eCFD is an web application. The plan are created and submitted to Boieng solvers which reside at HPC servers. The communication between Application and HCP server is done via Python service. The database used is Mongodb.

•Significant reduction is wind tunnel usage and expenses
•Spectacular improvement in the designs
•Industry best methods were used to test the flight, which minimized the risk of finding aerodynamic shortfalls in flight area.
•Reduction in cost and schedule impact

Responsibilities:

- Development of backend server using Python

- Involved in code reviews

Project5:

Project Name	PAS E
Client	Panasonic, Europe
Environment	**Python, Ubuntu 12.04**
Position	Technical Lead
Duration	Jan'12 to Jun'13

PAS-E is Automotive Infotainment Product which has a special feature like Android, Cloud streaming apart from IPod, USB Support and Bluetooth (A2DP, SPP)

Responsibilities:

- Involved in Simulator Design and Coding
- Involved in code reviews

Project6:

Project Name	Audio Gateway (AG)
Client	s1nn, Germany
Position	Developer
Environment	**C , CAN, S1PP, CDEF, BAP Protocols, Python**
Duration	Sep'10 - Dec'11

AG is a device for connecting Apple iPod and Mass Storage Devices. The AG is interfaced to the ZAB (in-car entertainment system's head unit/ Automotive Infotainment). When Apple iPod or MSD device is plugged in, the AG provides features like content browsing/selection and playback control from the selected device (iPod or MSD device).

Implementing Audio player functionality to Play, Stop, Pause, Forward, Backward, Scan and Shuffle the MP3, MP4, WMA, AAC-LC, Ogg Vorbis audio files stored in MSD

Responsibilities:

- Involved in coding some of the features of simulator and writing script to FF, FB, Pause, Play and resume
- Involved in code reviews

Project7:

Project Name	MediStream
Client	Rivulet Communication, US
Position	Senior Product Engineer
Duration	Feb'09-May'10

Tools	J2EE, Java, Spring , FFMEPG 0.5, MP4Box, List_CDdrives, DVD-Author, LibVisca1.0.1, SAN, NFS, PACS, EMR(Electronic Medical Record)/RIS(Radiology Information System), Apache, Tomcat, Ldap

The MediStream Video Application Solution provides the full functionality that many customers in the medical market are seeking in very integrated and compact solutions. Rivulet offers a complete managed solution that integrates local OR (operation) storage, centralized network storage / storage area network (SAN), and video streaming to local or remote viewers. The complete solution can be managed locally within the OR (operation) via a touch panel (TP) or PC interface, or remotely from a control room.

Responsibilities:

- Involved in Server Side Programming (Servlets and JDBC)
- Involved in code reviews