**Kotha Taraka Ram Sarath Chandra** Phone No: **9440644587**

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**Objective**:

To be associated with a progressive organization which can provide me with a dynamic work sphere to extract my inherent skills as a Professional, use and develop my aptitude to further the organization’s objectives and also attain my career targets in the process.

**Skill Summary**:

* Currently working in writing test cases for Amplifier using pytest
* A dynamic Software Professional having a career span of 1 year and 9 months of experience and demonstrated history of working in automotive domain skilled in Debugging code, Python,C, Cygwin, Speech Processing, and shell scripting
* Good knowledge on Test Automation architecture and Framework design.
* Hands on experience for python automation of svn tool
* Hands on experience in speech Processing algorithms
* Good Knowledge on c, python and data structures
* Good knowledge on github and gerrit tool
* Hands on experience in Linux and Cygwin environments.
* Hands on experience using svn tool.
* Good knowledge in unit, integration and system testing
* Good knowledge on shell scripting
* Hands on experience on using jira tool and Crucible review
* Hands on experience in doing web scraping of websites using python
* Hands on experience in doing web page automation using selenium module in python
* Hands on experience in doing automations for Jira tool and Bose Amplifier using python
* Hands on experience on writing test cases using pytest

##### Professional Experience

Working as **Engineer** at **L &T technology Serivces, Bangalore, [October 2017 - Present]**

##### Educational Qualification

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| QUALIFICATION | INSTITUTION | BOARD/  UNIVERSITY | YEAR OF PASSING | MARKS |
| B. TECH (ECE) | R.V.R&J.C College of Engineering, Guntur | State | 2017 | 8.2(CGPA) |
| Intermediate | Sarada Junior College , Piduguralla | State | 2013 | 94% |
| S.S.C | Wisdom Model School, Piduguralla | State | 2011 | 82% |

##### Project Details

**Project1:**

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name | **Embedded Speech Recognizer** | Duration | January to  May 2018 |
| Team Size | 1 |
| Description | This highlights the voice recognition capabilities of c5535 DSP device using the TI embedded speech recognition (TIesr) library and prints a pre-programmed keyword on the C5535eZdsp OLED screen based on a successful keyword capture | | |
| Role Contribution | Role: Developer  Contribution:   * provided probabilities for all phones of selected words * Collected all .wav formats and converted to htk formats of all words * Developed a shell script to meet the requirements * Developed small changes to code to increase accuracy | | |
| Technologies | C,Shell Scripting | | |
| Tools & libraries | Code Composer Studio, wavesurfer, htk | | |

**Project 2:**

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name | **Svn automation for direct check-in into trunk using python** | Duration | June 2018 to October 2018 |
| Team Size | 2 |
| Description | This automation script will identify the repositories that have changed. The script will lock the repositories and send freezing mail using Repository Lock tool. After lock is achieved, it will merge the updates into the working copy and commit the changes to the main trunk. Then script will create a new repository tag for each intended module and a full and lint build is done | | |
| Role & Contribution | Role:        Python Developer  Responsibilities:   * Developed a reusable, testable and efficient code. * Designed a flowchart to implement the code. * Analyzing and Debugging the error scenarios. | | |
| Tools &Technologies | Python 2.7, Cygwin, Repository Lock | | |

**Project 3:**

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name | **Testing of Amplifier** | Duration | October 2018 to January 2018 |
| Team Size | 1 |
| Description | Released codes in svn server of specific car type are built and tested for error handling and loads the successful executables into amplifier. | | |
| Role & Contribution | Role: Developer and Tester  Contribution:   * Developed a script for passing command into amplifier using serial ports. * Debugging of code. * Solved Jira’s related to dsp code in amplifier | | |
| Tools and Technologies | Jira, Crucible, Cygwin, Serial Downloader, python | | |

**Project 4:**

|  |  |  |  |
| --- | --- | --- | --- |
| Project Name | **GUI Interface for fetching Jira and Crucible Details** | Duration | Feburary2019 to April 2019 |
| Team Size | 1 |
| Description | This interface is used for getting details of Jira numbers for the respective employees. The Jira page links to crucible review. The GUI interface fetches the information regarding classification of defect ,status of respective Jira etc and stores this information in excel sheet. Based on the information gathered, it creates pie charts for individual and Team. | | |
| Role & Contribution | Role: Developer  Contribution:   * Developed a script * Analyzing and Debugging the error scenarios. | | |
| Tools and Technologies | Python3.4 | | |

##### Soft SKills

* Quick Learner
* Good written and oral communication skills
* Time management skills

##### Technical skills

**Tools** : CCS, Cygwin, Matlab,

**Programming Language** : Python, C

**Business Domain** : Automotive

**Test Management tools** : JIRA, Crucible

**Communication Protocols** : I2C, SPI,CAN,BDP

**Training and Certifications**

Undergone Python and Machine Learning Training in Trisha Technologies over a period of 4 months from January 2018 to December 2018 where I sharpened my knowledge in python and automation things

**Personal Details**

Date of Birth : 3rd May1996

Marital Status : Single

Nationality : Indian

Languages Known : English, Telugu,

Address : #81,Vyalikaval layout

Land mark: Rich bakery, opposite Manyata Techpark

Bangalore-560045