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**OBJECTIVE:**

To work as key player in a challenging & creative environment, wherein I can contribute to the successful growth of the organization, utilizing my skills and hard work and thus improving my own professional and personal abilities.

**SUMMARY:**

* **Python Backend Developer having 3.2 years exprience.**
* Having good Knowledge of Python Flask Server.
* Having good Knowledge of Python Django Server.
* Having good Knowledge of OOPs concepts.
* Synchronization of unrelated processes using Semaphores, Lock, Rlock.
* Understanding of concept of Multiprocessing and Multithreading.
* Hands on experience in Robot Framwork Automation tool.
* Write shell scripts using bash and controlling Scripts with ease.
* Good Knowledge of Architecture of 4G LTE.
* Good Knowledge of different node of 4G LTE (MME, SGW, PGW, HSS etc.).
* Good Knowledge of Device Attach Procedure to the LTE Network.
* Basic Knowledge of 5G Standalone mode.

**TECHNICAL SKILLS :**

* Operating System : Linux, Windows.
* Programming Language : Python, C, Basic Shell Scripting using Bash.
* Automation Framework: Robot Framework.
* Data Base: MySQL, Redis.
* Version Control : GIT.
* Devops tool : Docker
* Bug Tracking Tool: JIRA
* Development Tools : Vim, NerdTree, Makefile.
* IDE : Pycharm
* Technology : 4G LTE, Wireshark.

**PROJECT 1 :**

**HAE INNOVATIONS**

**Language : Python**

**Platform : Linux**

**Duration : March 2017 to December 2019**

**DESCRIPTION:** Theproject basic objective is to build the framework IoPass System for LTE and NB-IOT device testing and verification that includes Smart Phone , IOT devicewith integrated LTE or NB-IOT modem and their application test behavior. IoPass is a complete Automated Tool for Device Testing and Certification.

**ROLE & RESPONSIBILITY:**

* Design the Framework which act as a middleware between User Interface and Core Network.
* Develop Robot Framework Script (Test Cases) to test device.
* Develop LUA Script to capture tcpdump Packets.
* Unit testing of modules.

**PROJECT 2 :**

**5G CPS**

**Language : Python**

**Platform : Linux**

**Duration : December 2019 April 2020**

**DESCRIPTION:** Theproject basic objective is to build a 5G Core Network testing tool for standalone mode. This tool is used for testing and verification of UE which supports 5G.

**ROLE & RESPONSIBILITY:**

* Design a UDM (Unified Data Management) Node of 5G core Network for Registration process.
* Unit testing of modules.

**TRAINNING :**

* Training on Embedded Linux Kernel Internals with ARM and Device Driver at “EmbLogic

Embedded Technologies Pvt. Ltd”.

* Industrial training in Bharat Sanchar Nigam Limited (BSNL)

**EDUCATION:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Qualification | University/Board | Stream | Year | % |
| B.tech | UPTU | ECE | 2016 | 66 |
| 12th | UP Board | Science | 2011 | 66 |
| 10th | UP Board | Science | 2009 | 70 |

**EXPERIENCE and ACHIEVEMENTS:**

* Worked in Wavenet Solutions Pvt. Ltd. As a Python Doveloper from march 2017 to April 2020.
* Got best Employee of the year award in 2018.
* Currently working in Altran Technologies As a Senior Softwere Engineer from April 2020 to present.