## MALLELA NAGABABU

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**Having 6.10 years of experience with 4.7 years into IT Industry as Software Engineer and 2.3 years into Non-IT as German Language Expert.**

**PROFESSIONAL EXPERIENCE:**

* Good experience on Object Oriented Programming and modules Os, Random, Re, Json, Multiprocessing
* Good experience on external packages redfish Restful API, requests, Pandas, Snowconnector,Yaml, Configparser, Pywinauto, lxml, boto3, Pptx,openpy
* Good experience on Server development, ETL, GUI, Server automation using Python
* Good Knowledge in AWS Cloud technologies like Amazon Secret Manager, Lambda, Glue job, S3 File system, system manager and SNS
* Good experience on creating API service using Flask.
* Able to work collaboratively with developers, testers and other team members.
* Good knowledge in Database Design, Creation and Management of Schemas Views, DDL, DML SQL queries

**WORK EXPERIENCE:**

* Currently working with **Accenture** as Data Engineer Senior Analyst from December 2021 to till date
* Having Experience with **Mphasis** as Software Engineer from February 2019 to November 2021.
* Having experience with **HGS** as Analyst from 2017 July to 2018 December.
* Having experience with **Concentrix** as Practitioner from October 2016 to July 2017

**TECHNICAL SKILLS:**

* Programming Language : Python, C
* Framework : Flask, RTF for ETL, Robot framework, Fast API
* Tools : Bitbucket, Git, Jira, Postman, SoapUI, Confluence,Docker
* Database : SQL Server, Snowflake
* Cloud technologies : AWS, Jenkins , Azure DevOps
* Operating System : Windows, Linux

**ACADAMIC QUALIFICATION:**

* **MCA**(Computer Science) from Osmania University, Hyderabad with an aggregate of 66.00 % in 2015

**PROJECT DETAILS:**

**Project 1:**

**AIP:** Collecting logs data from different services like AWS, AZURE, Snowflake , tableau , informatica , sql server and from that data fetching metrics, processing , injecting into the My SQL , after that these metrics are applied on different ML models for predicting , correlation of performance these services

**Technology :** Python, Aws, Azure, Sql server , Snowflake, Azure Devops

Fast Api , Docker, ML,Pytest

**Role :** Developer

**Framework :** AIP (Internal)

* Analyzing the new service , collecting the needed metrics from that service and preparing sheets for ML analysis
* Developed new work for reusability and it is adopt the design pattern
* Developing library functions if not available, and integrating the same with the existing libraries
* Wrote the unit tests using Pytest library for test driven development and automate the test cases
* Create API using Fast API , performing get, post and update data operations into API for loading metric data
* Creating Database connection code and executing query’s and stored the data into dataframe

**Project 2**

**eCOA(Merck):** Vaccine clinical data exist in both Medidata and Inform and there is dual data entry needed in both systems which is causing inconsistency of the data and loss of the productivity the solution is to leverage automation to reduce manual effort needed for vaccine clinical event data entry on these two applications, Glue job will process , load , submit , logging transactions and error to S3 bucket , AWS Glue ,python used to Create Rest and Soap API calls to Medidata and Inform applications

**Technology :** Python, AWS, Jenkins, Bitbucket

**Role :** Developer

**Framework :** MII Framework

* Developing new library functions if not available, and integrating the same with the existing libraries
* Create API connection using request, performing get, post and update data operations into API
* Running Glue job with python and updating same code into bitbucket along with unit test Cases
* Created lambda functions using python for SNS topic, Password rest along with unit tests and building those into Jenkins
* Created design class diagrams documents solutions in confluence page

**Project 3**

**VCOSMOS(HP Desktop and Laptop):** This project is based on Automation of Acceptance Testing of different features of hp commercial laptop Python Based scripting to validate all the typical features of a hp commercial Laptops. The testing process is done on multiple Laptops/Desktops from remote location. This process is automated using Robot Framework and Python

**Technology :** Python, Robot frame work, Git ,Jenkins

**Role :** AutomationDeveloper

**Responsibilities:**

* Developing new library functions if not available and integrating the same with the existing libraries.
* Running individual scripts on Jenkins.
* Developing scripts for rest using Redfish rest API
* Managed code using source code management tool GIT.
* Study requirement documents to understand project / product requirements.

**DECLARATION**

I hereby declare that above furnished information and the particulars are true and correct to best of my knowledge and belief.

Date:

Place:

Signature of Candidate

(MALLELA.NAGABABU).