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NITISH REDDY
PYTHON DEVELOPER
Skype ID: snitishreddy

SUMMARY:

- Analytical, solutions-oriented **Senior Python software** development professional with 7 years of experience on **Automations of tasks with Python** , **REST API's**, **UNIT Testing**, Python **Module Creation** , Backend Architecture and Team Management.
- Professional in **Project Code Management/Structuring based** on Monolithic or MicroService Architecture.
- knowledge creating Web REST APIs with **Flask/FlaskRestx/Django** using Redis **postgreSQL,ElasticSearch, MySQL ,MongoDB, SQL alchemy.**
- Implemented **Redis Queues** for handling API/tasks, which are taking more time to run.
- Code Deployment Optimized with **Docker and Docker Compose file**.
- Web API secure with **JWT/OAuth tokenization**, **Encrypting** the Sensitive data, Logging the each Process, handling the DB communication properly, Encrypting data in DB and user Level **Authorization and Authentication**.
- **CRON based python script** for **Sending Mails** to users based on Schedule which happens in background and dumping data the from storage to DB

OVERALL TOOLS AND TECHNOLOGIES:

- **Programming languages:** Python, Java.
- **Databases**: Redis, SQLAlchemy, MySQL, PostgreSQL,MongoDB, ElasticSearch and Azure CosmosDB.
- **Cloud Knowledge: Azure**(Blob Storage, CosmosDB, Function APP's, Azure Devops) , **AWS**(S3, Ec2, Lambda functions)
- **Software and tools:** Visual Studio, pycharm,Anaconda,Spyder, Jupiter, photoshop,Postman, Swagger.
- **Frameworks:** Django, Flask, FlaskRestx, Airflow, Apache Nifi, Azure Function App.
- **Deployment**: Docker and Docker Compose files, CRON Scheduling, Ngnix.
- **Version Controls**: Git, Bitbucket, Azure Git/Devops.

EDUCATION:

Vardhaman College of Engineering, Hyderabad   2012 TO 2016
Computer Science and Engineering (61%)

Work Experience:

Senior Python Developer, Hyderabad   JULY 2021 TO Today
Randomtrees Pvt Ltd Hyderabad

Senior Python Developer, Hyderabad   NOV 2019 TO JULY 2021
EverestDX Pvt Ltd Hyderabad

Python Developer   APRIL 2017 TO OCT 2019
Magure Softwares Pvt Ltd Hyderabad

Android Mobile App Developer   OCT 2016 TO NOV 2017
Tranquil Web Solutions Hyderabad

WORK PROJECT"S

ProjectName : Aura Dcap at Randomtrees Pvt Ltd   **JULY-2021 TO SEP-2022**

DCap leverages AI & machine learning to streamline and automate document data capture processing, enabling you to focus on higher value tasks, increase speed and accuracy.

Role and Responsibilities:

Worked as in **senior python Backend developer** by handling and 2-3 backend developer by taking requirements from product owner / manager

- **Re Architectured** the project by converting it from Azure Function APP to Flaskrestx RestAPI and structuring the code and maintaining the all the standard's
- Created **CRUD** based REST API's Using **FlastRestx, PostgreSQL, Redis, Redis Queues, Azure Blob Storage**, **Docker ,Docker composer, Swagger for API Documentation, JWT tokenization.**
- Used **Redi's** for temp data storage and frequently used API's to OPtimize the API and Reduce the DB hit's
- Implemented the **ORM** based DB management using **SQLAlchemy**
- **Redis Queues** for API's to run in background which are taking more time to run in General

ProjectName : VantageX at EverestDX Pvt Ltd   **NOV-2019 TO JUNE-2021**

Analytics tools for managing and visualizing data from cloud based platform like Amazon Azure , Microsoft Azure and GCP

Role and Responsibilities:

As it's Company product, Got a chance to work with project manager and other team lead's closely creating the use cases for product and working on necessary framework and improvising the product features on requirements from manager.

- Writing Scripts on automating the process to fetch the data from Storage accounts to DB
- Gathering requirements from Lead and Implementing.
- Writing **CRUD** based Backend API using **Flask and Django** on databases like **PostgreSQL and Elastic search**.
- Integrating the **ML model to REST API** and Creating API based on requirement.
- Writing the **Unit Test cases for the API's**
- scripts for moving trained models to storage accounts . Automating the **CORN JOB by scheduling with Airflow and writing the DAG files.**