**Siddharth Shashank**

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**Objective**:

I am a technology enthusiast who loves to learn and add values to the work. Looking forward for a role to apply my skills while acquiring new skills and adding quality values to the organization I work for.

**Professional summary:**

* **Oracle Corporations**

Member of Technical Staff (Apr-2019 to Present)

* **Accenture Solutions Pvt. Ltd**

Application Development Analyst (Dec-2016 to Apr-2019)

* **MindTree Limited**

Engineer (Jan-2013 to Mar-2016)

**Academic Qualification:**

**BE in Electronics & Communication (2008-2012), Bangalore**

**Technical Proficiencies:**

Languages: Python, Shell-Scripting, Ansible

Database: SQL (Basics), HiveQL (Basics)

DevOps: Kubernetes, Docker, RestAPI, Swagger, Git, CI/CD

Automation: Python , Ansible, Shell-Scripting

Cloud: DBaaS, IaaS, Oracle Cloud Infrastructure, OpenStack

Operating System: Linux

Others: Hadoop Basics

**Experiences:**

**Oracle India Pvt. Ltd, Bangalore, India**

Member of Technical Staff/Software Developer - II(Apr-2019 to Present)

**Client**: Oracle Cloud Infrastructure

**Project**: DBaaS

**Role**: Member of Technical Staff

**Team Size**: 7

Description:

Number of Micro-Services are deployed into Kubernetes Cluster of Oracle Cloud Infrastructure using Python and Docker.

DBaaS stands for Database as a Service, is one of those Micro-Service which is about deploying containerized Database of Oracle 19c and other latest versions as a Micro-Service. Commissioning of Such Database is done using Python Scripting and Configuration is handled by Ansible playbooks and Shell-Scripting.

Responsibilities:

* Development of Codes in Python, Ansible, Shell-Scripting for LifeCycle management of Database cluster in a Cloud Environment (OCI) comprising of Provisioning of Databases, Configuration, Orchestration and Management.
* Writing Yaml files to deploy pods and services into Kubernetes Cluster.
* Writing Dockerfile to install dependencies into the pods.
* Development of RestAPI’s using Swagger to handle OCI SDK requests.
* Using Git for managing versioning, CI/CD Pipeline, Agile Methodology.
* Presenting ideas, doing spike stories for the betterment of overall product.

Environment:

Python, Ansible, Shell-Script, Kubenetes, Docker, Oracle Cloud Infrastructure, Openstack, Git, Jenkins, Jira, Linux

**Accenture Solutions, Bangalore, India**

Application Development Analyst (Dec-2016 to Apr-2019)

**Client**: Confidential

**Project**: Openstack Cloud Automation

**Role**: Automation Using Python

**Team Size**: 7

Responsibilities:

* Automate functional modules in an Openstack deployed environment and Non-Openstack
* Communicate the testing approaches with manual execution team & automate daily testing-based tasks.
* Implement modules in the available open-source testing framework.
* Debug and fix issues which manual testing team faces while triggering automated scripts.
* Automation scope covering GUI, CLI & API automation.
* Develop scripts and upload to Gerrit for code reviews by reviewers and re-working on them if any issues.
* Responsible to develop different suites based on the test type (Regression, Role Based, Sanity)

Environment:

Python, Pytest, Nosetest, Selenium with Python, Unix, Openstack, TDP, Gerrit, Git, CodeCloud

**Client**: Accenture DCN

**Project**: MyWizard Application Development

**Role**: Python Developer with PySpark Implementation

**Team Size**: 2

Responsibilities:

* Writing PySpark Code to bring data from MongoDB, reading JSON files & dump it into Hive table for analysis.
* Involved in writing shell scripts to run the PySpark code once incremental logs are available.
* Optimising Pyspark code using Multithreading and Multiprocessing modules in Python to improve performance.
* Involved in Scheduling Shell Scripts (Monit and Crontab Uses).

Environment:

Python, PySpark, Linux, Hadoop

**Mindtree Ltd, Bangalore, India**

Engineer (Jan-2013 to Mar-2016)

**Client**: P&G

**Project:** P&G

**Role**: Hadoop Developer

**Responsibilities**:

* Importing and exporting data into HDFS using Sqoop.
* Involved in creating Hive external and managed tables.
* Worked on Hive for exposing data for further analysis and for generating & transforming files from different analytical formats to text file.

**Declaration:**

I hereby declare that the above information has been amended with my knowledge and bears the correctness of the statement.

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