

Vineet Tripathi

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Summary :

5 years extensive experience in **Devops** areas working for financial industry. Working on to get Google Cloud Certification. Domain knowledge includes Regulatory and Compliance Reporting, Middle Office, Communication Surveillance, Market Surveillance, Trade Requests Compliance, and Licensing and Registration System.

- Hands-on experience in **Openshift, Docker, Ansible, Bash, Python, Linux, Teamcity, Jenkins, GIT, uDeploy, MAVEN, SonarQube, Continuous Integration and Continuous Deployment (CI-CD)** tools.
- Having work experience on scripting like **Yaml, Python** and **Shell scripts**.
- Extensive experience in **Infrastructure Management, Capacity Planning, Environment Engineering**.
- Installation/Configuration of various tools as per application requirement using **Ansible**.
- Good knowledge of scripting concepts, OS related issues, server configuration, builds and release process.
- Experience with **Change and Release Management** process.
- Continuous **Build and Deployments** in **Non Prod** and **Prod** environments.
- Extensive experience in troubleshooting linux based application.
- **ITIL, Change-Release-Deployment Management**, Production and Non-Production Environment Management, Automation , Agile Delivery, Team Management, Stakeholder Management

Skills :

- Container : **Docker, Podman**
- Container Orchestration : **Kubernetes, Openshift**
- Containerization Management UI : **Fabric**
- OS : **Linux (RHEL)**
- Cloud : **Google Cloud**
- Configuration Management Tool: **Ansible**
- Scripting Languages : **Bash, Python, YAML**
- Code Analysis : **SonarQube**
- CI-CD : **Bitbucket, Git, Maven, IBM uDeploy, Artifactory, Teamcity, Jenkins, SonarQube**
- Middleware : **Tomcat**
- Environment Management : **Production and Non-Production Environment Management**
- ITIL Tool : **Servicenow**
- Certificate Management : **Certnanny**
- Job Scheduler: **BMC Control-M**
- Documentation : **Confluence**
- Access Controls : **Powerbroker, IRIS**
- Agile : **JIRA**
- Release Management

Work Experience :

Tata Consultancy Services (Client : Deutsche Bank)

04-2016 – Present

Deutsche Bank is a leading global investment bank with a strong and profitable private clients franchise. A leader in Germany and Europe, the Bank is continuously growing in North America, Asia and key emerging markets.

Projects :

Communication Surveillance is a solution to reduce compliance risk using market leading Surveillance Analytical Tools and Applications to detect and report fraudulent and astute practices for proactive investigations and regulatory reporting.

Market Surveillance is a platform which helps brokers/dealers and future commission merchants meet their regulatory obligations using leading technologies and tools, and helps to avoid fines and preserve reputation of the institution.

Position Reporting Group is responsible for bank-wide monitoring and reporting of positions and trades in accordance with substantial shareholdings, short position reporting, beneficial ownership notices using industry specific tools.

Employee License and Registration System aims to operationalise the onboarding process, business & compliance owned controls, to ensure that appropriate person is licensed and compliance guidelines for registration are met.

Responsibilities :

- **Openshift, Docker and Fabric :**
 - i. Understanding and using Docker technologies such as networking, persistent volume.
 - ii. Worked on dockerisation of existing application by the use of **Openshift**.
 - iii. Worked on **Openshift** having underlying docker & kubernetes technology to create docker images (build) and deploy it to highly available pods.
 - iv. UI Tools (**Fabric**) for openshift management and deployment
- **Ansible :**
 - i. Worked on configuring softwares and worked on upgrading softwares such as java and python versions.
 - ii. Using ansible, installed new softwares such as Spark2 client and Hadoop Client
 - iii. Used ansible for Orchestration and Deployment.
 - iv. Used **Ansible roles** and **Ansible galaxy**
 - v. In-house tool such as **db-RUN**(user level access) and **db-DOES**(root level access) was used for configuration management on servers based on Nar-Id of application.
- **CI/CD :**
 - i. Integrated **Bitbucket, Teamcity, SonarQube, Artifactory and IBM uDeploy** for continuous deployment.
 - ii. Created **100+ CI/CD** pipelines.
 - iii. Created Jenkins job for Openshift pipeline.
 - iv. Created **100+** jobs and managed build related issues in teamcity.
 - v. Installed/Configured teamcity agents on different build servers.
- **Cloud :**
 - i. Working on GCP to get cloud certifications.
- **Middleware :**
 - i. Used tomcat as a PAAS application.
 - ii. Integrated teamcity with **tomcat** deployment for CICD.
- **Bash/Python :**
 - i. Developed Automation Jobs which **reduced** day to day System Admin **time by 30-35%**.
 - ii. **Bash scripting** for server monitoring in lower environment and for project space/ ACL queue monitoring.
 - iii. **Python** for KPI reporting, Control-M environment specific xml generation and Administrative task management.
- **Infrastructure Management :**
 - i. Application Server : **Linux** – Setup, Troubleshooting and Managing 100+ application servers.

- ii. Web Server : **Apache Tomcat** – Installation of apache tomcat and Deployment on web servers.
- iii. Inhouse tool : **DAP** – Web Server
- iv. **SDLC Environments** : DEV, SIT-1, SIT-2, UAT, PRE-PROD, CONUAT, PROD
- **Release Management / ServiceNow:**
 - i. **Change Request Management** : Planning, Approval, Monitoring and Implementation of change request by co-ordinating with different stakeholders.
 - ii. **Service Request Management** : Raise request for implementation by different team.
 - iii. **Incident Management** : Raise incident for troubleshooting and fixing of issues for PAAS services.
 - iv. **Group Management** : Group Creation/Modification based on job functions of stakeholders.
- **Server Monitoring :**
 - i. Geneos configuration for Server Monitoring
- **Agile Implementation :**
 - i. Used jira for task and epic monitoring.
- **Hadoop Services :**
 - i. HDFS
 - ii. HUE
 - iii. Hive
 - iv. Spark
 - v. Pentaho
 - vi. CDSW
 - vii. Jupyter and Zeepline

Certificates:

- Red Hat Certified System Administrator (RHEL -7) – RHCSA
- Oracle Cloud Infrastructure Foundation Certified Associate 2020
- Alibaba Cloud Certification in Data Economics in Cloud
- Alibaba Cloud Certification for Elastic Compute and Technology
- Alibaba Cloud Certification for Alibaba Network Solution.
- Devops Fundamental with Azure
- Openshift
- Ansible for Absolute Beginner

Achievements:

- 2 Star of the Quarter from TCS
- Star of the Month from TCS
- On the Spot Award from TCS

Pet-Projects :

- **Resource Allocation System in ILP**
Project aimed to provide automated solution to TCS administration responsible for distribution of resources/facilities such as sports equipments/Kitchen Utensils/Almirah etc. It was delivered successfully by team of 30 associates.

Technology Used : C++, Unix, PL/SQL

- **Chat Data Transformation :**

Project aimed to consume feed from whatsapp chat group and then transform data into useable data. Post transformation, data is store in Database in a tabular segregation of Sender, Date, Time, Message etc. Data is stored for continuous monitoring and then with the later phase of implementation, predict users who can be potential dormant user.

Technology Used : Python, SQLite

Declaration:

I consider my personal strength ability to learn quickly. I am Confident and self-motivated to undertake any kind of desirable responsibilities and assure successful completion. I hereby declare that all the above information is true to best of my knowledge.

Your's Sincerely,
Vineet Tripathi