


# Vineet Tripathi

 : [tripathi.vineetbaba@gmail.com](mailto:tripathi.vineetbaba@gmail.com)

 : [+91-840-000-1004](tel:+91-840-000-1004)

 : [linkedin.com/in/vineetbaba](https://linkedin.com/in/vineetbaba)

## Summary :

Skilled **DevOps professional** with **8+ years** of extensive experience in the financial industry, specifically in Institutional Securities (OTC Products), Regulatory and Compliance Reporting, Middle Office, Communication Surveillance, Market Surveillance, Trade Requests Compliance, and Licensing and Registration System.

Proficient in a wide range of **DevOps** tools including **Linux, Bash, Python, Teamcity, Jenkins, GIT, Observability, Openshift, Docker, Ansible, Aquilon, uDeploy, MAVEN, SonarQube, and Continuous Integration and Continuous Deployment (CI-CD)** tools.

Strong expertise in scripting with **Yaml, Python, and Shell** scripts.

Experience in **Infrastructure Management, Capacity Planning, and Environment Engineering**. Skilled in installation and configuration of various tools using Ansible, monitoring real-time performance metrics using Opensource software like **Prometheus and Grafana**, and enterprise monitoring with Sockeye.

Hands-on experience with **Sybase** and **DB2** databases.

Well-versed in scripting concepts, server configuration, builds, release processes, **Change and Release Management**, and troubleshooting Linux-based applications. Proficient in ITIL, Change-Release-Deployment Management, **Production and Non-Production Environment Management, Automation, Agile Delivery, Team Management, and Stakeholder Management**.

## Skills :

- Cloud : **Google Cloud, Trademill**
- Container : **Docker, Podman**
- Container Orchestration : **Kubernetes, Openshift**
- Containerization Management UI : **Fabric**
- OS : **Linux (RHEL), Aquilon**
- File System : **AFS, NFS, XFS, EXT4, ZFS, BTRFS**
- Configuration Management Tool: **Ansible**
- Scripting Languages : **Bash, Python, YAML**
- Code Analysis : **SonarQube**
- CI-CD : **Bitbucket, Git, Maven, Gradle, IBM uDeploy, Artifactory, Teamcity, Jenkins, SonarQube, Train(In-House tool)**
- Middleware : **Tomcat, DAP(In-House tool)**
- Log Monitoring : **Splunk** (Using Logging as a Service)
- Observability : **AppDynamics, Prometheus and Grafana**
- Code Search Tool : **Opengrok**
- Monitoring Tools : **Leela, Zapp and Iku (Job monitoring)**
- Alerting Tool : **Sockeye**
- Environment Management : **Production and Non-Production Environment Management**
- ITIL Tool : **Servicenow**
- Certificate Management : **Certnanny**
- Job Scheduler: **BMC Control-M, Autosys**
- Documentation : **Confluence, Jive**
- Access Controls : **Powerbroker, IRIS, ACLs**

- Agile : **JIRA**
- Change and Release Management

## Work Experience :

### 1. Morgan Stanley ( Institutional Securities Tech )

Jul'2021 – Present

**Morgan Stanley** is a leading financial services corporation that provides advisory, origination, trading, management, and distribution of capital for institutions, governments, and individuals through its affiliates and subsidiaries. The company operates in three main business segments, namely Institutional Securities, Wealth Management, and Investment Management.

#### Project :

The **TX/OTC System** is a comprehensive platform that offers trade capture and life-cycle management capabilities for a wide range of equity OTC products, including both vanilla and exotic options. It serves as the system of record for tracking trades and positions, as well as securitized structured equity and commodity issuance deals. The system supports all necessary trade lifecycle events and actions, ensuring compliance with internal and external (regulatory and client) requirements. It also includes electronic affirmation and confirmation features where applicable.

#### Responsibilities :

- Ensuring **robust code releases in production** by following Morgan Stanley's SDLC, implementing solutions like regression checks for bug-free code releases.
- Integrating and managing **Bitbucket, Jenkins, Gradle, Artifactory, SonarQube and Ansible** for continuous deployment, creating and managing **Jenkins pipelines through Jenkinsfile**.
- Ensuring high availability and continuous monitoring of applications running on the cloud (Treadmill) as an **environment engineer**.
- Utilizing **Tomcat** as a PAAS application and **integrating TeamCity with Tomcat** deployment for CI/CD processes.
- Developing **automation jobs using Bash/Python** for tasks such as registering VMs in laas (Logging as a Service) database for **Splunk** data fetching, **syncing databases in various regions**, and **automating batch log checks, report sending, and fetching latest releases and PRs from stash**.
- **Managing infrastructure** including application servers (Aqilon), web servers (Apache Tomcat), and SDLC environments in the release management process.
- Implementing change **request management, service request management, incident management**, and group management using ServiceNow, coordinating with stakeholders for planning, approval, monitoring, and implementation of change requests, and managing requests and incidents related to PAAS services.

- Implementing server monitoring using tools such as **Leela/Zapplet/IKU, Prometheus and Grafana, Splunk, and Appdynamics**.
- Participating in Agile practices using **JIRA** for stories and engaging in daily scrum calls as part of the Agile implementation process.
- Leading a **team of four members** for effective team management.

## 2. Tata Consultancy Services(Deutsche Bank (RCA Tech)) Apr'2016 – Jun'2021

**Deutsche Bank** is a renowned global investment bank with a robust and profitable private clients franchise. The bank holds a prominent position in Germany and Europe, while also experiencing steady growth in North America, Asia, and key emerging markets.

### Projects :

**Communication Surveillance** is a comprehensive solution that leverages cutting-edge Surveillance Analytical Tools and Applications to proactively detect and report fraudulent and astute practices, reducing compliance risk and facilitating regulatory reporting through proactive investigations.

**Market Surveillance** is a powerful platform that enables brokers/dealers and future commission merchants to fulfill their regulatory obligations by utilizing advanced technologies and tools, helping to avoid fines and safeguarding the institution's reputation.

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

**The Employee License and Registration System** streamlines the onboarding process and implements business and compliance-owned controls to ensure that the appropriate personnel are licensed and registration guidelines are met in accordance with compliance requirements.

### Responsibilities :

- **Containerization:** Utilized **Docker** technologies for networking, persistent volume, and Docker image creation and deployment on **OpenShift**, which is based on Docker and **Kubernetes**.
- **UI Tools:** Employed Fabric, a UI tool for OpenShift management and deployment.
- **Configuration Management:** Utilized Ansible for configuring software, upgrading Java and Python versions, and orchestration and deployment. Utilized **Ansible** roles and Ansible Galaxy for efficient configuration management.
- **CI/CD:** Integrated **Bitbucket, TeamCity, SonarQube, Artifactory, and IBM uDeploy** for continuous deployment. Created and managed over **100+ CI/CD pipelines** and Jenkins jobs for OpenShift pipelines.
- **Cloud:** Currently working on **GCP** to obtain cloud certifications.
- **Middleware:** Used **Tomcat** as a PAAS application and integrated it with TeamCity for deployment in CI/CD pipelines.
- **Automation:** Developed automation jobs using **Bash and Python, resulting in a 30-35% reduction in day-to-day system admin time**. Utilized Bash for server monitoring and Python for KPI reporting, Control-M environment-specific XML generation, and administrative task management.
- **Infrastructure Management:** Managed **100+ Linux-based application servers**, installed and deployed Apache Tomcat on web servers, and utilized in-house tools such as **DAP for web server** management. Familiar with SDLC environments such as **DEV, SIT-1, SIT-2, UAT, PRE-PROD, CONUAT, and PROD**.
- **Release Management/ServiceNow:** Oversaw change request management, including planning, approval, monitoring, and implementation. Coordinated with different stakeholders for change

request and service request management. Raised incidents and managed groups based on job functions in ServiceNow.

- **Server Monitoring:** Configured **Geneos** for server monitoring.
- **Agile Implementation:** Utilized **Jira** for task and epic monitoring in Agile projects.
- **Hadoop Services:** Familiar with various Hadoop services such as **HDFS, HUE, Hive, Spark, Pentaho, CDSW, Jupyter, and Zeppelin**.

### **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