

AAYUSH JAISWAL

INDIA | +91-9565771528 | aayushjaiswal911@gmail.com | [linkedin](#) | [Github](#) | [Portfolio](#)

DevOps Engineer with 4 years of experience in FinTech (Prime Brokerage – Securities Lending), specializing in large-scale, cloud-native infrastructure and automation. Proficient in AWS, Terraform, Jenkins, Python, and Golang. Earned multiple awards at Bank of America for driving impactful automation and ops efficiency.

PROFESSIONAL EXPERIENCE

Bank Of America, India

Jul 2021 – Present

Software Engineer 1-A

- **Trade Management System:** Provisioned and hosted a highly available Trade Management System on AWS by owning Terraform IaC for 40+ resources with drift detection, versioning, cost estimation pipelines and automated configuration via Ansible Tower, reducing manual setup time by 70% and improving deployment consistency across environments.
- **Serverless Test Pipeline:** Created serverless event and trigger based model execution using AWS S3 event notification via EventBridge, SQS, API gateway and lambda, reducing testing time by 85%.
- **OpenShift Migration:** Migrated 220+ applications from physical servers to the OpenShift across global regions with zero downtime; led resolution of crash looping pods despite green probes by identifying SOPS secret decryption failures due to SCC restriction and applying live deployment fixes during prod war room recovery.
- **One-Click Deployment:** Engineered end-to-end pipeline automation by developing a one-click multi region deployment workflow using Python, Jenkins, XLR, HashiCorp Vault and Ansible resulting a robust CICD pipeline with automatic ansible job template creation, dynamic config detection, parameter validation and error reporting-reducing deployment failures by 60%, debugging time by 50%, saving 2200 hours annually thus generating \$15,000 in cost savings.

Afford Medical Technologies pvt Ltd

Dec 2020 – June 2021

Summer Intern

- **E-Commerce Website:** Optimised application performance by implementing multithreading in Go using mutex, (45% reduction in latency) and architected scalable microservices using gRPC, Docker, Kubernetes and Elasticsearch to efficiently handle 10K+ concurrent requests.

PROJECTS

Multi-Region AWS Serverless Static Website Architecture

Built it using Terraform (creating 80+ resources), ensuring high availability, disaster recovery, observability and low latency access via Route 53, CloudFront, Lambda, S3, Cloudwatch and DynamoDB Global Tables.

CERTIFICATIONS

- [AWS Certified Solutions Architect - Associate](#)
- [Introduction to Containers, Kubernetes, and OpenShift V2](#)

SKILLS

DevOps Tech Stack	AWS (VPC, S3, Lambda, API Gateway, SQS, SNS, EC2, KDS), Ansible Tower, Terraform, Jenkins, XLR, Jfrog Artifactory, Hashicorp Vault, Grafana, RBAC, Prometheus, Splunk, Docker, OpenShift, Git, Github Actions, Dynatrace
OS, Framework & DB:	Linux (RHEL 9), Windows (2019), Spring Boot, Elasticsearch, MySQL
Prog. Languages:	Golang, Java, Python, HCL, Powershell, Shell
Financial Domains	Equities, Trade Lifecycle, Prime Brokerage (Securities Lending)

EDUCATION

Vellore Institute of Technology (VIT)

2017-2021

Bachelor of Technology, Major in Computer Science and Engineering