CURRICULAM VITAE

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Industry Experience

Around 4 years of IT experience as a **DevOps Engineer** in the field of GCP DevOps, Application Security and Monitoring/Linux System Administration along with end-to-end onboarding of applications to Kubernetes, I am seeking a responsible career opportunity to fully utilize my skills and contribute significantly to the success of the company.

Professional Summary

- Completed certifications such as **Google Cloud Associate Cloud Engineer(ACE)**, **HashiCorp Certified: Terraform Associate** and **Google Cloud Professional DevOps Certification.**
- Received multiple **awards** in the field of automation, learning and development along with awards received for showing good leadership and innovative ideas in various Tech and Non-Tech event.
- Proficient in **GCP** to create, manage and configure the services like **Compute engine, Cloud storage, GKE (Google Kubernetes engine), IAM, App Engine, Cloud Run, Cloud Functions and VPC** along with automating the GCP cloud deployments.
- Expertise in creating & maintaining the infrastructure for different Environments. Proficiency with Configuration Management tools & Build management tools such as **Maven, Git, shell script, Jenkins**.
- **Automated** the Build and Deploy of all internal Java and applications of Insurance and Pensions domain to various environments.
- Experienced in automating **CI/CD** pipelines using tools such as Jenkins, Spinnaker, and IBM UrbanCode.
- Installed and upgraded **Jenkins Master/Slave** configurations across multiple servers, contributed to the release process, and deployed applications (WAR and JAR files) along with UI binaries to the Apache Tomcat server.
- Responsible for **Dockerizing applications**.
- Practical experience in creating **Dockerfiles**, building images, and deploying them across various environments.
- Involved in the creation of infrastructure on GCP, such as **VM instances** and **Kubernetes clusters**, utilizing Terraform code and modules. Also configured **GitHub Actions** through Terraform commands like **terraform plan** and **terraform apply** to automate deployment and infrastructure management processes.
- Created **manifest** files(**YAML**) for deploying various applications on Kubernetes.
- Strong understanding of the **Nexus** repository.
- Familiar with using monitoring tools like **Dynatrace** for performance tracking.
- Skilled in **Git** and **GitHub** settings, along with repositories cloning, creating branches and following **branching strategy** for development.
- Developed **Bash** scripts for tasks such as upgrading Jenkins servers and installing required software on servers.
- Configured and utilized **SonarQube** for automated code quality checks and continuous integration in the DevOps workflow.

Technical Skills

Version Control System tool	GIT
Operating Systems	Windows and Linux.
Scripting	Shell Scripting, Groovy Scripting, Python (Basics)
Build Tools	Maven
Web and Application Server	Apache Tomcat, Nginx
Application Monitoring tools	Dynatrace
Continuous Integration Tools	Jenkins, Spinnaker, IBM Urban code
Cloud Environments	GCP (GKE - Google Kubernetes engine, App engine, Cloud Run, Cloud functions, Compute engine, IAM, Cloud storage, VPC etc.)
Container and orchestration Tool	Docker and Kubernetes
Infrastructure orchestration	Terraform
Bug Tracking Tool	Jira, Service now
Artifactory storage	Nexus
Others	Sonarqube, Helm

Career

- Working as a **Systems Engineer** in Tata Consultancy services **(TCS)**, Hyderabad from June-2021.

Education Qualification

- **Bachelor of Engineering** in Computer science from Institute of Aeronautical Engineering, passed out in 2021 with 8.5 CGPA.
- **Intermediate** in MPC from Sri Chaitanya Junior College passed out in May 2017 with 98.4%.
- **SSC** completed from Sri Chaitanya Techno School in 2015 with 10/10 CGPA.

Trainings and Certification

- **Certified Google Cloud Associate Cloud Engineer (GCP-ACE)** issued by Google cloud.
- Completed **Terraform Associate certification(003)** issued by Hashicorp on Feb-2025.
- Completed **Google Cloud Professional DevOps Certification** on March-2025.

Work Experience

Project #1	Lloyds banking group
Role	DevOps Engineer
Duration	June-2021 to present
Environment	GIT, Maven, Sonarqube, Jenkins, Spinnaker, IBM Urban Code, Kubernetes (GKE), Docker, Shell script, Terraform, Google Cloud Platform, Jira, etc.
Team Size	8

Roles and Responsibility:

- Led the onboarding process and configured **CI/CD** pipelines for various frontend and backend applications.
- Collaborated with the application team to understand their build and deployment processes, including conducting an overall review of the feasibility of automating the application.
- Provided manifest files tailored to the requirements of applications running on Kubernetes clusters, while managing **Kubernetes nodes** and ensuring the maintenance of **PODs**.
- Automated email notifications for **SONAR** coverage report statuses for all applications and documented the results on Confluence pages after successful execution.
- Configured and deployed the applications into higher environments with **Spinnaker** and **IBM Urban Code**.
- Developed **Groovy** scripts to handle multiple stages for applications within a single Jenkins pipeline, facilitating various build and deployment processes.
- Designed and implemented **infrastructure-as-code** solutions using **Terraform**, automat the provisioning configuration and management of **GCP resources**.
- Monitoring infrastructure using **Dynatrace**.
- Implemented automation for workload health **monitoring** and deployment restarts through shell scripting.
- Participated in upgrading **Kubernetes** clusters for each new minor version release.
- Removed duplicate and unnecessary **Kubernetes objects** to optimize cost and improve performance.
- Provided required assistance to developers with establishing and applying appropriate branching, merging conventions using **GIT** and its commands.
- Played a key role in creating and managing **infrastructure** in GCP, hosting tools such as Docker, Jenkins, and others.
- Managed **Jenkins** to implement the **CI** process, automating builds and deployments for various projects.
- Enabled **Continuous Delivery** by automating deployments across multiple environments, including Test, QA, PRE, and Production, using Jenkins.
- Created **Dockerfiles**, built containers and images, and pushed them to Docker Hub.
- Teamed up with the QA team to **integrate** QA jobs into the Jenkins pipeline, ensuring a complete CI-CD setup.
- Built and scripted projects using **Maven** on the **Linux** platform to optimize development workflows.
- Migrated **ClearCase** VOBs to GitHub using **SVN** by generating an SVN dump file.
- Handled application environment properties and template files within **UrbanCode**.
- Administered UrbanCode Deploy (UCD) in the Owner role, ensuring proper user access.

Declaration

I hereby assure that the above information is true to my knowledge and I will prove to be worthy of your confidence and satisfaction.

Place: Hyderabad   Signature
Date: Manaswini Kalle