

Cloud DevOps Engineer

RAJASHEKAR KUNTA

Email: rajashekarkunta513@gmail.com

Mobile # +1(438) 779 3366



Professional Summary

- ✓ Having **5+** years of **IT** experience as **DevOps Engineer/Build & Release/DevOps Specialist** with strong skills in DevOps implementation, Configuration management, automation and optimizing mission-critical deployments in Cloud and setting up, maintaining CI/CD pipelines, delivering releases for multiple Applications running on Linux/Windows based Infrastructure.
- ✓ Well versed with DevOps concepts, Continuous Integration, Continuous Delivery, Continuous Deployment and Continuous Monitoring
- ✓ Proven experience in Implementing Branching Strategy and managing Version Control tools. **GIT** and **Azure Repos**.
- ✓ Managed complete project cycle right from requirement analysis to system study, build and release management, deployment, coding, testing, de-bugging, documentation, and implementation.
- ✓ Having proven experience in automating build and release process using **Jenkins, Azure Pipeline**.
- ✓ Having Good hands-on experience with **Microsoft Azure** (VM, Storage account, Azure Key Vault, VNet, NSG, Load balancer, App Service, logic app, AKS, Azure SQL Server, Traffic Manager, App gateway, ACI, ACR etc.) and **AWS** (EC2, S3, VPC, Glacier, knowledge in boto3).
- ✓ Proven Good experience in configuration management tool **Ansible Tower (ansible playbooks)**.
- ✓ Analyzing application logs using **Kibana** to determine the possible root cause of issues and reporting errors directly to the Dev team.
- ✓ Hands-on experience in Infrastructure-as-code tools **Terraform, ARM Templates** and Good Knowledge in **Python**.
- ✓ Proven experience on continuous Build and Deploying to multiple environments DEV, SIT, UAT and Prod Environments using **Azure Pipeline**.
- ✓ Having Experience on Azure Boards, Azure Repo, Azure Pipeline, Azure CLI.
- ✓ Good Working experience with CI/CD tools are **Jenkins, Azure DevOps**.
- ✓ Excellent problem-solving skills, good communication and interpersonal skills
- ✓ Good working Knowledge on Containerization Tool **Docker** (Docker file, Docker images)
- ✓ Hands on experience on containerizing Web Application and storing Docker images in ACR.
- ✓ Good understanding in Azure Backup and Restoring Deleted VMs, setting up **DR clusters**.
- ✓ Extensively Worked with **Azure Kubernetes Services (AKS), Helm charts**.

- ✓ Worked on various **Kubernetes objects** are Ingress, Ingress Controller, namespaces, Service, Secrets, configmaps, health probs, deployments, pods, pvc, taint and tolerance.
- ✓ Working Experience in **SDLC** process, **Agile** methodology.
- ✓ Experience in deployment strategies: **Canary** and **Blue-Green** deployments
- ✓ Having Hands-on experience in **Apigee** (Micro gateway, SAAS Proxies, API Product, Dev App).
- ✓ Strong ability to troubleshoot any issues generated while building and deploying in SIT, UAT and Production Environments.

Technical Skills

Cloud Platforms	Microsoft Azure, AWS
Orchestration Tools	Kubernetes(AKS)
Version Control Tools	GIT, GITHUB
Build Management Tools	Maven, NPM, NuGet
CI/CD Tools	Jenkins, Azure DevOps
API Management	Apigee
Infrastructure as Code	Terraform, ARM Templates
Monitoring Tools	Kibana, Splunk, App Insights
Containerization Tools	Docker
Programming/Scripting	J2SE, Python, YAML, Power Shell
Configuration Management	Ansible Tower
Web Servers	Nginx, Apache Tomcat
Operating Systems	Linux, Windows

Work Experience

Client: EY, Montreal

Mar 2022 – Present

Role: Sr. Cloud DevOps Engineer

Responsibilities:

- ✓ Developed Apigee plugins and customizations for various flavors such as Micro gateway for VM, MG for WebApp, MG for AKS.
- ✓ Worked as Apigee support where deployed Micro gateway/SAAS proxies for different clients and troubleshooted different issues related to Kubernetes and applications.
- ✓ Responsible for creating Build and Release pipeline in the Azure DevOps and provisioned Azure Resources using Azure pipelines.
- ✓ Designing, Deploy & manage micro-services-based applications deployed on Kubernetes clusters, Azure Kubernetes Services.
- ✓ Worked on Terraform Modules to Provision in the Azure and AWS Services such as VM, EC2, S3, AKS, Vnet, VPC, EKS, ACR, ACI, Azure Key vault, Storage account and RDS.

- ✓ Reduce timelines for successful pipeline deployment using power shell, Terraform, Ansible tower.
- ✓ Created and deployed a liveness probe to detect error responses from the application and restart unhealthy containers.
- ✓ Attended Sprint Planning, Retrospective and daily Scrum meetings.
- ✓ Worked with Apigee Micro gateway enhancements: Rate limit, **CORS**, apim-extauth, **okta**, **OAuth**, provided technical support & resolved issues.
- ✓ Established coding standards and enforced them through automated tool **SonarQube**.
- ✓ **Troubleshoot** and resolve build and release failures due to infrastructure/ application issues.
- ✓ Working with developers for creating an automated, efficient delivery pipeline that help build software rapidly, efficiently using Azure DevOps & Jenkins CI/CD tools.
- ✓ Handling complete build and release Process including code, document and supporting dev and QA team.

Client: AT&T, Toronto

Jan 2020 – Mar 2022

Role: Cloud DevOps Engineer

Responsibilities

- ✓ Responsible for Azure Admin activities i.e., Landscape access (RBAC access)
- ✓ Production deployment activates and configuration changes on a needy basis and Assisted Junior resources, worked with SMEs to troubleshoot priority issues based on SLA's.
- ✓ Design & Perform Proof of concept(POC) for validating application integration with Cloud.
- ✓ Implemented the branching strategy to make sure deployment activities taking place in respective order from Dev to SIT and SIT to UAT then UAT to Prod.
- ✓ Provisioned VM instances and created and configured load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
- ✓ Responsible for creating and configuring Azure Boards, Azure Repo and Azure Pipelines.
- ✓ Worked with Apigee Proxies, API product, Developer Apps and **debugged** different issues faced by clients.
- ✓ Identify, **troubleshoot**, and resolve issues related to the Kubernetes cluster and deployment process.
- ✓ Configuring Custom domains and **TSL certificates** for app services. Renew and deploy **SSL certificates** to maintain application security to the best standards.
- ✓ Have extensively worked on Azure Pipeline (setting up Pipeline and Deployed to Higher Environments).
- ✓ Worked with Docker images /containers and Docker files.

Client: BHP, Toronto

Jun 2018 – Jan 2020

Role: DevOps Engineer

Responsibilities

- ✓ Involved in Maintenance activities such as patching, server upgradation, **troubleshooting** issues and monitoring alerts in **slack**.
- ✓ Creating Alarms in Kibana for Monitoring the server's performance, CPU Utilization, disk usage etc.
- ✓ Troubleshoot operating system, database, application performance issues and provided quick fixes. Supported on weekends for schedule maintenance and outages.
- ✓ Used Maven as build tool to generate JAR, EAR, WAR and configured in Jenkins and deployed in tomcat web server.
- ✓ Worked closely with peers and internal SMEs to manage the resolution of customer issues as quickly as possible.
- ✓ Troubleshooting Azure VM, AKS performance (CPU, Memory, Network) issues.
- ✓ **Troubleshooted** on **Kubernetes** issues: **ImagePullBackOff**, OOM, and **CrashLoopBackOff** AquaSec team stopping the service and ingress misconfigured.
- ✓ Responsible for troubleshooting different issues in Kubernetes, while setting CI/CD pipeline and building and deploying solutions to PROD Environment.
- ✓ Involved in the discussion with the team to understand about requirement.
- ✓ Supported application running on Azure managed **AKS** clusters, where applications fetch data from Azure storage account for the service running on them.

Certifications

- ✓ AZ-900: Microsoft Azure Fundamentals
- ✓ AZ-104: Microsoft Azure Administrator
- ✓ AZ-400: Designing and Implementing Microsoft DevOps Solutions

Education

- ✓ Bachelor of Technology in **Computer Science** from Jawaharlal Nehru Technological University passed out 2016.