**SHAJAHAN DevOps Engineer**

## [shajjudevops786@gmail.com](mailto:shajjudevops786@gmail.com)

## MBL NO: 7981547751

# Carrier Objective:

Seeking a responsible and challenging role in IT - Software to utilize my skills and abilities which contribute toward organizational success and interested in a technical track career in application development environment and Infrastructure Management Services.

# Professional Summary:

* 3 + years of Experience in Software Development Skilled at Operating in a wide range of Platforms like DevOps, AWS, and Linux. Having experience in DevOps / AWS Software Configuration Management which includes Build Automation, Continues Integration, Continues Deployment, and Continues monitoring using Automation Tools. Well versed in software production, development life cycle and release of software products.
* Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation it includes Amazon Web Service (AWS), Jenkins, Git, Maven, Ansible.
* Used Ansible playbooks, recipes, roles, run list to deploy web applications, application servers and vendor applications.
* Administering Jenkins and secured Jenkins with role-based access controls.
* Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools Example: Git, Ansible, Maven, Jenkins, Jfrog, Apache Tomcat.
* Good working knowledge in CI & CD and building a pipeline using Jenkins.
* Have hands-on knowledge with Ansible and writing Playbooks.
* Installed and maintained the Git repositories.
* Trained development teams on Git usage and best practices.
* Experience in configuring and updating the servers using configuration management tools like Ansible, and Experience in Containerization tool like Docker.
* Have working knowledge on Design and Implementation of VPC.
* Good understanding in ECS (EC2 Container Service) for cluster management.
* Good knowledge in Route53 and DNS service.
* Good knowledge in terraform.
* Good knowledge in Auto-scaling and load balancing concepts.
* Have working knowledge in maintaining AWS services from CLI.
* Have knowledge in setup and configuring Monitoring tool.
* Excellent analytical, coordination, and communication skills.

# Qualification:

* B. Tech from JNTU Kakinada University in 2019.

# Technical Expertise:

|  |  |
| --- | --- |
| Operating Systems | Linux (Redhat, CentOS, Ubuntu), Windows. |
| Version Control Tools | Git, GitHub |
| Build Tools | Maven |
| Continuous Integration Tools | Jenkins |
| Configuration Management Tools | Ansible |
| Monitoring Tools | Prometheus & Grafana, ELK |
| Cloud Platforms | AWS (Amazon Web Services) |
| Scripting Languages | SHELL, BASH |
| Containerization & Orchestration Tools | Docker & Kubernetes |

**PROJECT DETAILS:**

# Project #1:

**Project Name :** GE Aviation

**Role :** DevOps Engineer (DevOps and AWS)

**Duration :** March-2019 to till date.

**Environment**        : Jenkins, Git, Linux, Maven, SonarQube, JFrog, Ansible,

Docker, Kubernetes, Helm, ELK, AWS, Tomcat.

# Description:

GE Aviation is a subsidiary of General Electric. It is headquartered in Eden dale, Ohio, outside Cincinnati. GE Aviation is among the top aircraft engine suppliers and offers engines for most commercial aircraft. GE Aviation is part of the General Electric conglomerate.

# Roles &Responsibilities:

* + Used Jenkins, Build forge for Continuous Integration and Continuous Delivery (CI/CD) into Tomcat Application Server.
  + Created Docker files and build images and push to the Docker private registry
  + Created Docker containers along with application, exposed ports for the application to the outside world.
  + Created Docker composed files for multicontainer run.
  + Developing build and deployment pipelines using Jenkins, Maven for Java applications
  + Integrated SonarQube with Jenkins for quality check of the code.
  + Worked on the Maven for building of deployable artifacts (jar, war & ear) from source code.
  + Installed and Configured the Jfrog Artifactory.
  + Strong working knowledge on GIT.
  + Worked on git branching strategies.
  + Developed a fully automated continuous integration system using Git, Jenkins and custom tools developed in Bash.
  + Designed and built cloud service models including Infrastructure-as-a-Service (IAAS) Driving industry best practice implementation around CI/CD and infrastructure management.
  + Created Kubernetes (k8s) pods and created Kubernetes (k8s) services to access application to the outside world.
  + Created Kubernetes ingress for routing application for http and https.
  + Experience on create Kubernetes cluster using Kops and kubeadm
  + Developing Ansible playbooks, Docker files for different scenarios to manage the infrastructure and integrating with CI / CD (Jenkins).
  + Uses Ansible playbook to deploy application into web servers.
  + Well-versed with Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, Elastic Load-balancers, ALB, S3, CloudFront, EBS, RDS, VPC, Route53, CloudWatch, Cloud Trail, CloudFormation, IAM.
  + Implemented AWS EC2, IAM, S3, EBS, Elastic Load balancer (ELB), Autoscaling (ASG).

**Declaration:**

I hereby declare that the above written particulars are true to the best of my knowledge and brief.

## Mohmmed Shajahan.