

**Katika Naveen Kumar**

**Professional summary:**

* 10 Months of experience as DevOps Trainee.
* Have hands-on experience in Linux commands, File system & other basic concepts
* Have hands-on experience in AWS components such as EC2, VPC, S3, EBS, Security Groups, Auto scaling, Load Balancer.
* Having hands-on experience in creating Docker images and containers, docker-compose
* Have hands-on experience in writing ansible playbooks for installing packages and configuring in Linux operating system
* Experience in creating and managing Public and Private Repositories using GIT.
* Knowledge in SDLC and Software Test Life Cycle.
* Knowledge in configuration of Jenkins on Linux OS with master and slave setup and its administration
* Knowledge in Simplifying Job creation and execution by using CI/CD tool plugins
* Knowledge in creating Minikube Kubernetes Cluster and configuring Kubernetes components in the cluster.

**Technical Skills:**

**Operating Systems:** Windows, Linux (Redhat, Centos, Ubuntu )

**Cloud Providers :** AWS, Azure

**Containerization:** Docker, Kubernetes

**Scripting Languages:** Shell Scripting

**Source Code Management:** Git

**IAAC:** Terraform (Server automation) , Configuration Management ( Ansible)

**CI/CD:** Jenkins

**Build Tools:** Maven, Docker

**Web and Application Servers:** Apache Tomcat Server

**Monitoring tools:** Prometheus, Grafana & Cloudwatch

**Other Tools :** Sonarqube, Dockerhub

**Project-1:** DevOps Tool Evaluation OWASP ZAP (Internal)

**Description:**  The purpose of this project is to evaluate various Devops tools for automation,

security scanning and verify if they are production ready.

**Responsibilities**:

* R&D on OWASP ZAP end to end
* Installed zap through script for automation
* Integrated OWASP ZAP with jenkins
* Scanned the web url to find out the vulnerabilities in web application
* Created the reports

**Project-2:** Continuous Integration to deploy the applications in Docker Containers

**Description**: Created a Continuous Integration Job that pulls the code from GitHub repository, Builds the application with Maven, Copies the application package (in war/jar format) into Docker Server and creates the Docker Container.

**Responsibilities:**

* Creating and maintaining the code on Git.
* Using Maven as a build tool, I automated the process of building artifacts.
* Installing and maintaining the Continuous Integration tool like Jenkins.
* Automate the build process using Git, Maven and Jenkins.
* Configuring the Docker containers and creating Docker files for different environments.
* Good knowledge on creating Docker images.
* Installing and configuring application servers for deploying war files in Apache Tomcat.

**Qualification**

B.Tech in Electrical and Electronics Engineering from Anantha Lakshmi Institute of Technology & Sciences Andhra Pradesh - 2019.

**Achievements**

* Certified in **Microsoft Azure Fundamentals** (Certificate Number: 1248-7817)

**Declaration:**

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

**(Katika Naveen Kumar)**