

## HAREESH N

### SUMMARY:

- **5+ years of experience as a DevOps, Cloud, Build & Release, Automation.** Self-motivated, proactive, dedicated, reliable person with excellent interpersonal, leadership & communication skills with a good appetite for learning.
- Extensive experience in the cloud (**AWS**), configuration management tools (**Ansible**), continuous integration tools (**Jenkins, bamboo**), version control (**Git**), container and orchestration tools (**Docker, Kubernetes**), Monitoring tool (**Grafana**)
- Experience in Deployment Automation & Containerization (**Docker, Kubernetes**). Creating Ansible Playbooks, to Deploy VM and install the Components as per requirements.
- Experience with a configuration management system such as Ansible
- Expertise in **SDLC, Agile, ITIL, and Waterfall** methodologies and a good understanding of concepts of Project Management principles, and used JIRA for Agile task management, issue, and bug tracking.
- Extensive experience in using **MAVEN** and **Gradle** as build tools for building deployable artifacts (jar, war & ear) from source
- Having Good experience in CI/CD by using Github Actions.
- Extensive knowledge in all areas of **software configuration management processes**, including **version, build, and issue management, as well as build and release management.**
- Experience in branching, tagging, and maintaining the version across the environments using source control tools like **Bitbucket and GIT on Linux/Unix** and **Windows** environments on standalone and **VMs**.
- Experience with **Container-based deployments by using Docker**. Collaborated with development support teams to set up a continuous delivery environment with the use of Docker.
- I have worked in the design, implementation, and support of **automated containerized infrastructure** using **Kubernetes**.
- I have worked on PCF(Pivotal Cloud Foundry) deployments.
- managed many servers utilizing both traditional and cloud-oriented providers like **VMware** and **Amazon EC2**.
- Setting up **Kubernetes** Cluster and creating Pods and handling Pod communication issues Using **Kubernetes** to orchestrate the deployment, scaling, and management of Docker Containers.
- Working with Kubernetes services and storage.
- Implemented the Devsecops in CI/CD pipelines.
- Experience With automated build/deployment tools like jenkins and bamboo.
- Experience on writing CI/CD pipelines scripts by using GROOVY.
- Experience on writing SQL commands.
- Experience on writing shell and powershell scripts automate the daily manual tasks.
- Strong experience on Trouble shooting .

### TECHNICAL SKILLS:

Operating Systems	Windows, Linux
Servers	Tomcat.
Database	MySQLsever
CI/CD	Jenkins, Bamboo, github actions,Harness
Version control	Git
Container Management	<b>Docker</b>
Build tools	Maven, Gradel.
Cloud	<b>AWS,PCF</b>
SDLC	Agile, Scrum, Kanban.
Orchestration	Kubernetes
Scripting	Bash and Powershell
Configuration Management	Ansible
IAC	Terraform
Code security	Veracode, blackduck, sonarqube.

### Work Experience:

- Working as Senior DevOps Engineer for **Mphasis from Jan 2023 to till date.**
- Worked a Senior Devops engineer for **FIS global services** from FEB - 2020 to DEC - 2022

### Current Roles and Responsibilities:

#### Senior DevOps Engineer

#### Project 2:

jan 2023 - Present

Project: **Banking and Investing**

#### Responsibilities:

- Deploy, manage, and scale Kubernetes clusters and PCF.
- Configure and manage multiple Kubernetes clusters across various cloud providers and on-premises installations from a unified control plane.
- Add, replace, or delete worker and master nodes within the Kubernetes clusters.
- Monitor node health, performance metrics, and resource utilization.
- Deploy, update, and manage workloads, ensuring they adhere to the desired state defined in their configurations.
- Wrote CICD pipelines by using github actions.
- Maintained repository and experienced in **branching, merging, tagging**, and maintaining the versions using tools like **Bitbucket and Github**.
- Integrate Grafana with notification channels (e.g., email, Slack, PagerDuty).
- Created CICD pipelines by using github actions and bamboo and Harness.

- Integrated veracode , sonarqube and blackduck in to CICD pipelines.
- Automated daily manual work by using power shell and shell scripts.
- Involved in to prod deployments and troubleshoot issues.

## Project 1:

**Senior DevOps Engineer**  
**FEB 2020 - DEC - 2022**

Project: PAYMENT SYSTEM

## Responsibilities:

- Configured and deployed **Amazon Web Services (AWS)** for a multitude of applications utilizing the AWS stack (Including **EC2, VPC, Glacier, Route53, S3, RDS, Cloud Watch, Cloud Trail, IAM, Cloud trail, AWS DynamoDB, AWS Aurora**), focusing on **high-availability, fault tolerance, and auto-scaling**.
- Extensively involved in infrastructure as code, execution plans, resource graph, and change automation using **Terraform**.
- Wrote multiple shell scripts.
- Wrote jenkins CICD pipelines both scripted and declarative.
- Jenkins administration .
- Set up **Docker to automate** container deployment through **Jenkins** and Dealt with **Docker Hub**, making Docker Images and taking care of various Images essentially for middleware establishments and space setups.
- Wrote Ansible playbooks to automate the configuration.
- Wrote terraform scripts to automate the infrastructure .
- Installed and configured various **Jenkins** jobs for application deployments and test case execution.
- Implemented **AWS High-Availability** using **AWS Elastic Load Balancing (ELB)**, which performed a balance across instances in multiple availability zones.
- Involved in setting up **nodes, data sources, virtual hosts, configuring servlet engines, and session managers**, including **planning installation and configuration of Web Sphere Application Server (WAS)**.
- Assisted in a **CI/CD** pipeline automation process.
- Maintained **GitHub** repository and experienced in **branching, merging, tagging**, and maintaining the versions using tools like **GIT**.
- Coordinated in setting up **JIRA** as a **ticketing tool** and **configured various workflows, customization**, and plug-ins for **JIRA**.

## Personal Details:

Name : Hareesh

## Declaration:

I hereby declare that the above-mentioned information is correct to my knowledge and belief.

**Hareesh**