

## Sushmitha HM

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### **CAREER OBJECTIVE:**

DevOps enthusiast with 2 years of expertise in implementing and maintaining CI/CD applications within containerized environments. Honed my skills in creating scalable and secure platform, and administrating the platform for containerized applications. Adept at staying updated with latest trends in Kubernetes and cloud-native technologies.

### **Professional Summary**

Information Technology Sr. Associate at **NTT DATA** with effect from November 2020 to May 2022.

Associate Business Analyst at **Infosys Limited** with effect from June 2022 to August 2023.

Specialized in **DevOps Environment, Amazon Web Services (AWS), Azure and Linux.**

- **Technical Skills on DevOps Tools**

- Hands-on experience in **GIT (distributed version control tool), Ansible (Configuration Management Tools), Maven (Build tool), Docker (Container Based Tool), Kubernetes, Jenkins (Continuous Integration tool) and Nagios (Monitoring tool).**

- **Technical Skills on Amazon Web Services (AWS cloud)**

- Having knowledge in **EC2, VPC, S3, IAM, SNS, Cloud Watch, Cloud Front, Elastic Load Balancer, Auto Scaling.**

### **Technical Skills/ Knowledge**

Cloud Technologies	: Amazon Web Services
Operating Systems	: Linux, Windows
Scripting Languages	: Shell Scripting
CI/CD	: Jenkins
Version Control	: Git
Configuration Management	: Ansible
Containerization	: Docker, Kubernetes
Monitoring	: Nagios, Kibana, Logstash

### **Technical Experience**

- Good knowledge on **Git**, creating branches and following ideal branching structure for future, development, release, and production branches.
- Successfully transformed 10+ applications to **containerized environments** with the help of involving Docker for building their application images and Kubernetes for Container Orchestrations in deployment of the built application for optimizing scalability and resource utilization.
- Managed operational support for multiple applications hosted on the platform with Zero downtime in Production environments in **Kubernetes and Docker** based workloads

- Streamlined **CI/CD deployment** processes for user applications, resulting in a 20% reduction in deployment times.
- Installation and configuration of Jenkins, creating jobs, mail alerts and trigger build and create docker image and push it to private repository.
- Experienced with **docker**, creating containers attaching volumes, creating docker images from docker file, publishing docker images to **docker hub** and port mapping in Docker.
- Having very good knowledge on Ansible.
- Hands on experience on writing **Kubernetes** objects configuration files (pods creation, replica set, deployments, services, config maps, secrets, Load Balancer, Autoscaling, namespaces.)
- Good Understanding in broad range of cloud technologies in an automated development environment **including S3, EC2, ELB, VPC.**
- Setup/Managing VPC, Public subnets & private subnets, Introduction to Gateways, Understanding Route tables & Subnets, Build Your Own Custom VPC, Network Address Translation (NAT), Network Access Control Lists (NACLs) and Ephemeral ports.
- Implementing AWS Infrastructure Service as per the business needs (**EC2, VPC, ELB, Auto scaling, S3, IAM, CloudWatch**).
- Good experience on Simple Storage Service (S3) like Create an S3 Bucket, S3 Version Control, Cross Region Replication, S3 Life Cycle Management, S3 Security and Encryption, S3 Transfer Acceleration and Static Website Using S3.
- Configuring topics for mail and SMS in AWS simple notification services.
- Hands on experience on **Linux commands** (file system management, package management etc).
- Familiar with scripting languages like **Shell Scripting**.

#### Educational Details:

<b>2023-2024</b>	<b>MSc in DevOps</b> Atlantic Technological University, Letterkenny.
<b>2016-2020</b>	<b>B.E Electronics and communication engineering</b> Visveswaraya Technological University
<b>2014-2016</b>	<b>Pre- University: Computer science</b> Karnataka State Board (The National PU College Jayanagar)
<b>2013-2014</b>	<b>10<sup>th</sup></b> Karnataka State Board (Green valley english medium high school)

#### Personal Profile:

**Gender:** Female

**Date of Birth:** 18-06-1998

#### DECLARATION:

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Yours sincerely,  
Sushmitha HM