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| HARSHA R | Phone: 7019451544  Email: indharsha4@gmail.com |

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# PROFESSIONAL SUMMARY

A dynamic team-spirited and performance-driven engineering professional with **5+ years** of Industrial experience in **Amazon Web services** and **DevOps Methodologies.**

**Total Experience – 5+ Years.**

**Present Company – Capgemini, Bangalore.**

**https://github.com/Harshaettigi**

# SKILLS

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| **Cloud and Provision**  **AWS**, GCP, Digital Ocean,  Heroku, **Terraform**  **Cloudformation**.  **CI/CD tools**  **Jenkins**, git, Github,  BitBucket, **Rundeck**,  Gocd, **Nexus**. | **Amazon Web Services - AWS**  **EC2**, S3, RDS, Autoscaling, SQS,  Cloud Watch, **VPC**, ROUTE53, ELB,  EBS, KMS.  **Web Server and Database**  Apache, Nginx, Haproxy LB  **MYSQL**, **Shell** **Scripting**. | **Container and Orchestration**  **Docker**, **Kubernetes**, ECS, **EKS** **GKE**.  **Monitoring and other Tools**  **ELK** Stack Configuration and **filebeat**.  Graphite, **Grafana**, Consul  Jira, Confluence, Crowd. |

# WORK EXPERIENCE

AWS & Devops Consultant – **Capgemini – Jan 2019 - Present**

Integrated Platform as a Service - IPaaS

A set of pre-integrated products that provides a cloud-agnostic 3rd generation API platform with microservices enabled integration. It can be deployed to AWS within 24 hours.

Native Kubernetes as a Service – NkaaS

A set of pre-integrated products that provides a cloud-agnostic containerized runtime environment using open-source Kubernetes.

* Provisioning, modifying and destroying the AWS cloud services using Iac **terraform** script and **CloudFormation** templates.
* Platform migration to a new platform with a new version of tools like **Jenkins**, Rundeck, **Nexus**, Bitbucket, Jira, confluence, the crowd to the newest version of our platform.
* Upgrading the platform-tools like Nexus, **Docker**, **GKE**, Jenkins, **awscli**, **kubectl** on multiple nodes.
* GKE maintenance, monitoring updating the secrets, and other values.
* Maintenence of **Kubernetes** cluster and upgrading control plane and Kubernetes components on master, and worker nodes on NKaaS platform and also Creating user, namespace, and platform related tickets.
* Setting up the harbor for uploading the docker images and scanning the images.
* Experience in Setting up Complete Cluster using kubernetes and Docker to create containers with the help of UI like Control Plane and **DTR**.
* Used **kubernetes** to deploy scale, load balance, scale and manage Docker container.

Cloud engineer|Devops|AWS – **Mfine ( Zinios Technologies ) – Oct 2017 – Dec 2018**

* Experience in creating **Docker** images and **Docker** containers from scratch Worked on creating custom container images, tagging and pushing the images to the repository.
* Day to day maintenance of **AWS** services like cloud watch, **EC2**, **RDS, Redshift** and S3 and administration of webservers like apache and Nginx CI/CD Tools like Jenkins, Git.
* Used **kubernetes** to deploy scale, load balance, scale and manage Docker container.
* Configuring monitoring tool like **new relic**, and logging tools like **ELK** stack and setup on entire environment.
* Pushing the configuration changes of the environment through **ansible** on multiple nodes from the SCM.

AWS|system engineer – **VMD Tech Systems - Nov 2014 – Oct 2017**

* Building client environment using **AWS** services EC2, AMI, **S3**, EBS, RDS, Auto scaling, Cloud Front, **VPC**, **ROUTE53**, **Cloud** **watch**, SES, SNS.
* Configuring **ELB** for distributing incoming application traffic across multiple EC2 instances
* Experience in Continuous Integration and Continuous Deployment using **Jenkins**, **Ansible** and Git.
* Creating and Monitoring build jobs in Jenkins, Working on Configuration Management tool Anisble.
* Responsible for overall operations to support availability, performance, security in the cloud environment.
* Experience in designing and configuring secure **virtual** **Private** **Cloud** (**VPC**) through private and public networks in AWS by creating various **subnets**, **routing** **table**, **Network** ACL, **NAT** gateways.
* Installing and maintaining of Windows Deployment Services and deploying software and OS image.

# EDUCATION

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| **Course** | **Institution** | **University / Board** | **Year of Passing** |
| **Masters in Computer Application** | Nitte Meenakshi Institute of Technology, Bangalore. | VTU | 2014 |
| **Bachelor in Computer Application** | Saraswathi Hi-Tech College, Chitradurga. | Kuvempu University | 2011 |

Place-Bangalore

HARSHA R