

SIDHARTH MISHRA

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SUMMARY

- 2 years of hands-on experience in Cloud, Configuration and Release management.
- Extensive experience in **DevOps, AWS, GIT, Docker, Kubernetes**.
- Detailed knowledge on Configuration management tools for automation of application configuration and deployment for managing across the network.
- Proficiency in designing, deploying and operating highly available, scalable and fault tolerant systems using **Amazon Web Services (AWS)**.
- Build and configure a virtual data center in the **AWS** cloud to support Enterprise Data Warehouse hosting including Virtual Private Cloud (VPC), Public and Private Subnets, Security Groups, Route Tables, Elastic Load Balancer(ELB), S3 and CloudWatch.
- Good knowledge on **ISC** tools like **Cloud Formation** and **Terraform**.
- Experienced with **Docker** container service and Docker applications by creating Docker images from Docker file.
- Experienced with built-in tools like **Jenkins**.
- Experienced in version control and source code management tools like **GIT, GitHub**.
- Good knowledge on development lifecycles of Waterfall and Agile methodologies.
- Ability to work effectively while working as a team member as well as individually. Having good communication and interpersonal skills, willingness to learn continuously.

TECHNICAL SKILLS

DevOps Culture:	Jenkins, Docker, AWS, Terraform .
Cloud Platforms:	Amazon Web Services (AWS)
Operating Systems:	Red Hat Linux, CentOS, Windows
Version Control Systems:	Git, GitHub
Configuration Management Tools:	Terraform
Continuous Integration Tools:	Jenkins
Container Concepts:	Docker, Kubernetes

WORK EXPERIENCE

Cloud engineer

Ingenuitas Software Private Limited,
Bangalore, Karnataka.

(06/2019– Present)

Responsibilities:

- Worked on **AWS EC2** Instances creation, setting up **AWS VPC**, launching AWS EC2 instances, different kind of private and public subnets based on the requirements for each of the applications.
- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Windows/Linux) and Configuring launched instances with respect to specific applications.
- Managed AWS infrastructure provisioning AWS services like **S3, ELB, EC2, RDS, Route 53, IAM, security groups, VPC** and deployment and EC2 Installs with CentOS and Ubuntu.
- Created and Configured Red Hat, CentOS Virtual Machines in AWS using EC2, Elastic-IP, VPC, Subnets, Route Tables, NAT Gateway.
- Good experience in **Terraform** infrastructure-as-a-code.
- Creating **CI/CD pipelines** by integrating **Git, Terraform, Jenkins and AWS**.
- Using **Jenkins** as a continuous integration tool to creating new jobs, managing required plugins, configuring the jobs selecting required source code management tool, build trigger, build system and post build actions, scheduled automatic builds, notifying the build reports.
- Automate Continuous Build and Deploy Scripts for Jenkins Continuous Integration tools.
- Defined branching, labeling, and merge strategies for all applications in **Git**.
- Integrated GIT into **Jenkins** to automate the code check-out process.
- Responsible for **version control Management**, Branching, Merging, and user group permissions.
- Worked on creating **Docker containers** and Docker consoles for managing the application life cycle.
- Installed **Docker Registry** for local upload and download of **Docker images** and even from Docker hub.
- Experience with **container-based deployments** using Docker, working with Docker images, Docker hub and Docker registries.

EDUCATION

Masters of Computer Application (MCA)

Silicon Institute of Technology, Bhubaneswar, Odisha

(03/2019)

DECLARATION

I hereby declare that all the above information furnished by me is true to best of my knowledge.

Place: Bangalore

Date:

Sidharth Mishra