**HEMASHREE**

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**JOB OBJECTIVE**

To obtain a challenging position in a high quality IT environment where my resourceful experience skills will add value to organizational operations.

**PROFESSIONAL SUMMARY**

* Over 4+ Years of experience in the areas of AWS, DevOps.
* Currently working as **DevOps Engineer** in Accenture.
* Possesses sound knowledge of GIT, MAVEN and JENKINS, and Kubernetes and good hands-on in application servers like Tomcat, Apache and Fair Knowledge on AWS.
* Design, Deploy 3-Tier Application Architecture on AWS Cloud Platform.
* Provide IaC – Complete Infrastructure automation for AWS Resources deployments using Terraform.
* Setup Jenkins CI/CD for new Application on boarding.
* Automating application deployments using Jenkins, and Kubernetes.

**Skills**

* Implemented 3-tier architecture, deployed in AWS Cloud.
* Design EC2 instance architecture to meet high availability application architecture and security parameters.
* Configuring and deploying EC2 instances behind Auto Scaling & ELB.
* Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
* Create and maintain fully automated CI/CD pipelines for code deployment using Jenkins.
* Written Terraform templates and deployed AWS resources using it.
* Hands on experience in application servers like Apache Tomcat.
* Hands on experience in using tools like Service-Now ticketing tool.
* Expertise in doing the RCS (Root cause analysis) for fixing different kinds of bugs.
* Expertise in analysing system needs, evaluating end-user requirements, and troubleshooting of complex problems.
* Actively participated in Team meetings and work related status calls.
* Proficient in grasping new technical concepts and utilizing them in an effective manner.
* An effective communicator with excellent interpersonal and problem solving skills.
* Flexible, innovative, quick learner and committed to continuous self-improvement.

**TECHNICAL PREVIEW**

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| Cloud & PaaS Platforms: | Amazon EC2, S3, ELB, Auto Scaling, Route 53, Lambda, Bastion host, Cloud Watch, IAM, RDS, NAT. |
|  Containers | Docker |
| Container Orchestration | Kubernetes |
| Infrastructure Automation | Terraform |
| Application Server | Apache Tomcat |
| Build Tool | Apache Maven |
| CI/CD Tool | Jenkins |
| Version Control Tools | Git, GitHub and Bit Bucket |
| Operating System: | Linux and Windows |
| Language/ IDEs | Python |
| Database | MySQL |
| Agile | Scrum |
| DevOps Planning & Tracking | JIRA |

**ORGANISATIONAL EXPERIENCE**

**Accenture**

**DevOps Engineer Feb 2019 – Till date**

**RESPONSIBILITIES**

* Implementing AWS Infrastructure services like EC2, EBS, and S3, VPC, ELB, Cloud Watch, Auto Scaling,, VPC.
* Working Knowledge in Amazon Web Services EC2.
* Overall Implementation and Setup of EC2 instances, S3 Configuration, Load Balancer and Auto scaling for our Production Web Servers.
* Creating, Copying, moving images from one EC2 region to another EC2 region and creating snapshot in RDS servers and Creating AMI images for EC2 Instances.
* Experience in managing IT Infrastructure and proficient in tasks such as solution architect, analyzing log files, analyzing capacity reports, hardening security controls and Automating Cloud deployments using Terraform, CI/CD integration.
* Configuring Jfrog artifactory management repositories to keep version controlled maven artifacts for deployments.
* Automating integration tasks like GitHub to Bit Bucket code sync on schedule basis to sync the source code from GitHub to Bit Bucket.
* Good hand on experience with Cloud Computing delivery model IaaS - AWS ( EC2, EBS, S3, IAM, Cloud Watch, Elastic Load Balancer, Auto Scaling, Route 53 )
* Good Experience in Managing PODs and performing Rolling Deployments in Kubernetes.
* Manage production application deployments in Kubernetes cluster using Kubectl.
* An effective communicator with strong team management, analytical and problem-solving.
* Building Templates and creating AMIs in AWS cloud.
* Integrated Jenkins Pipeline with Apache Maven and Sonar to automate Continuous Integrations for Build.
* Integrated Jenkins Pipelines for Docker, Kubernetes for Deployments.
* Followed best practices on Software Development Life Cycle and use cases of the Automation tools using Docker, Jenkins, Tomcat, and Maven.
* Writing Kubernetes Deployment manifest files to include application deployment configurations Platform.
* Responsible in monitoring the application health status and fixing the run time issues.
* Analyzing container application logs, identifying the issues and coordinating with the concern team to fix the issues.
* Scaling the containers applications as per the demand on container platform.
* Written Jenkins Pipeline code using Groovy to integrate and automate the build & deployment tools for application deployments.
* Writing Helm Umbrella Charts and environment specific charts for Dev, QA, and Prod environments.
* Designed base line for Helm Charts to deploy application into different environment with specific custom configuration parameters.

**EDUCATION DETAILS**

* Graduated in **Electronics and Communication Engineering** from Visveswaraya Technological University - 2017

Place: Bangalore

Date: (HEMASHREE)