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Nadeem

Professional Experience

- Approx. 1.9 years of experience in the IT industry using **DevOps** tools like **Docker, Kubernetes, Ansible, Jenkins Terraform, AWS.**
- Hands-on experience in **AWS(Amazon Web Service)** services like **EC2, S3, EKS, ECS, VPC, Lambda LoadBalancer, Autoscaling, IAM Route53 CloudFront, EBS and EFS, etc.**
- Hands-on experience in orchestrations tools like **Kubernetes, EKS, ECS.**
- Hands-on experience in **CI/CD Jenkins.**
- Hands-on experience in **Automation tools like Ansible and Terraform.**
- Hands-on experience in **Monitoring tools like Prometheus and Grafana.**
- Experienced in **Object-Oriented Programming.** Developing, Testing, and Debugging code. Designing Interfaces.
- **Quick learner and mastering new technologies. Enjoys working both in a team and as an individual role.**
- Experience in Developing Web Applications using **core java spring Boot, MySQL.**
- Experience in Developing Web Applications using **Python, Django, Bootstrap, MySQL.**
- Good working knowledge of **Microservices.**

Technical Expertise

- **Operating System:** LINUX , Windows
- **Cloud Technologies:** AWS
- **Orchestrations Tools:** Docker, Kubernetes, EKS, ECS
- **Automations Tools:** Ansible, Terraform
- **CI/CD Tools:** Jenkins, Code build
- **Monitoring Tools:** Prometheus, Grafana
- **Database:** MySQL.
- **Web Server:** Apache Tomcat server, Nginx
- **Programming Language:** python, core java.
- **Other:** Django, Github, Spring Boot, Microservices

Professional Qualification

Qualification	Institute	Year	Percentage
Master of Computer Application. (MCA)	G. L. BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT, Gr. Noida	2020	72.4%
Bachelor of Computer Application.(BCA)	MAJU RAMPUR	2018	64.85%
12 th Board	GEET DEVI M I C JATPURA MORADABAD	2015	60.4%
10 th Board	MOTHER INDIA HSS SWAR, RAMPUR	2013	70%

Professional Experience

Company Name: **Keskintech Services**

From: June-2020

To: June-2021.

Designation: **Software Engineer**

Company Name: **GIIT Solutions**

From: June-2021

To: Till Present

Designation: **DevOps and Cloud Engineer**

Project Experience

Project -1: Application deployment on Kubernetes cluster (KOPS)

Role: DevOps and Cloud Engineer Cloud

Services: AWS

Technologies: Ansible, Kubernetes

Roles & Responsibilities:

Objective to work on the Big Environment with different configurations with microservices infrastructure. Create Kubernetes cluster using kops and deploy NodeJs application. I have deployed microservices application which is divided 4 part frontend, backend API, Redis and MongoDB.

- Creating Kubernetes cluster using kops.
- Deployed microservices application which is communicated Frontend and Backend.
- Expose application outside the cluster using Ingress controller.
- Registered the domain name in Route53.
- Attach SSL certificate to the domain name registered in AWS Route53.

Project -2: Kubernetes Cluster automation using Ansible

Role: DevOps and Cloud Engineer Cloud

Services: AWS

Technologies: Ansible, Kubernetes

Roles & Responsibilities:

Create Kubernetes cluster using kops, deployment of the website, and Automate K8s-Cluster using Ansible. Attach SSL certificate to the domain name registered in AWS Route53.

- Write Ansible script for the Automate all these things like creating Kubernetes cluster and deploy applications within single Ansible command.

Project -3: Django Application deployment on Kubernetes (EKS)

Role: DevOps and Cloud Engineer Cloud

Services: AWS, GitHub

Technologies: Docker, EKS

Roles & Responsibilities:

Objective to work on the Big Environment with different configurations with microservice infrastructure. I had cloned the Django application code on GitHub repository and after that build the Docker image of his Django code. And then push the Image ECR repository.

- Create EKS cluster on AWS.
- Deploy Django application on EKS cluster and also pull the image from ECR repository.
- Install metrics server for the Horizontal pod autoscaling.

Project -4: Configuration monitoring tools on EKS Cluster
Role: DevOps and Cloud Engineer Cloud
Services: AWS, GitHub
Technologies: Docker, EKS, Prometheus, Grafana

Roles & Responsibilities:

Create Kubernetes cluster using EKS, deploy the application, and setup all the environments Of Kubernetes cluster configure monitoring tools Prometheus and Grafana. Installed Prometheus and Grafana on Kubernetes cluster (EKS) using helm package.

- Create a Kubernetes cluster (EKS).
- Deploy application on Kubernetes cluster (EKS).
- Install helm on the cluster for the Prometheus and Grafana.
- Set Alert rules and send the notifications on slack, Email, msteam, etc.
- Set Alert rules and get phone calls using PagerDuty.

Declaration

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

Nadeem