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Employment

January-2023 January-2024
DevOps Engineer
Work location (**Wipro** – Greater Noida)
Cantik Technologies Pvt. Ltd.

Expertise

Amazon Web Services (AWS)
Linux
Docker / Docker Hub
Docker Networking
Kubernetes
EKS Cluster
CI/CD Pipeline
Ansible
Git / Git Hub
AWS CloudFormation
Jenkins
AWS CodeBuild
Prometheus & Grafana
SonarQube
ArgoCD
YAML
Helm
Ansible

Language

Hindi
English

Certification

AWS Cloud Practitioner Essentials

ABDUL KADIR

DevOps Engineer

Experienced DevOps engineer with **1 years** of expertise in Jenkins, Kubernetes, Docker, AWS, Ansible, ArgoCD and other DevOps tools. Skilled in automating deployment pipelines, managing containerized applications, and optimizing infrastructure for scalability and performance. Proficient in implementing CI/CD practices and collaborating with cross-functional teams to deliver high-quality solutions.

Project: Mahindra & Mahindra (DMS 2.0)

Roles & Responsibilities

- Orchestrated the creation and management of **Amazon Elastic Kubernetes Service (EKS)** clusters, ensuring efficient resource allocation and optimal performance.
- Spearheaded the management of multiple clusters and environments, facilitating seamless operations across various projects and teams.
- Led the seamless upgrade process of EKS clusters, ensuring minimal disruption and enhanced functionality.
- Deployed and managed diverse databases including Percona XtraDB Cluster, **MongoDB**, **Redis**, and **PostgreSQL**, overseeing backup, restoration, and version upgrades to maintain data integrity and accessibility.
- Implemented HashiCorp Vault, **SonarQube**, RabbitMQ, and Jenkins on EKS using Helm charts, streamlining deployment processes and enhancing development workflows.
- Developed sophisticated pipelines in **Jenkins** using **JenkinFiles** for **SonarQube** analysis and deployment of microservices, front-end, and back-end applications, optimizing software delivery and reliability.
- Demonstrated proficiency in **Route 53** for DNS management, ensuring reliable and efficient routing of traffic across different services and domains.
- Configured load balancers and implemented ingress for multiple sub-domains, enhancing the scalability and availability of applications.
- Expertly addressed various pod issues including crash loop backoff, OOMKilled, error states, and resource constraints, ensuring continuous operation of Kubernetes workloads.
- Implemented **Prometheus** and **Grafana** for comprehensive monitoring of EKS clusters, enabling proactive identification and resolution of performance bottlenecks and issues.
- Deployed Karpenter for automated scaling of worker nodes and Kubegreen for efficient pod management, optimizing resource utilization and reducing operational overhead.
- Implemented Kubecost for cost optimization and monitoring, ensuring efficient allocation of resources and adherence to budgetary constraints.
- Conducted rigorous load testing using httperf, validating system performance and identifying potential areas for optimization and improvement.
- Developed **Dockerfiles** for containerized application deployment, ensuring consistency and portability across different environments and platforms.
- Utilized **AWS CloudFormation** to provision and manage infrastructure as code (IaC), ensuring consistency, scalability, and efficiency in the deployment of AWS resources and EKS clusters.
- Leveraged various AWS services such as **Amazon EC2**, AWS CodeBuild, Amazon RDS, **Amazon S3**, and **Amazon CloudWatch** to build resilient, scalable, and highly available cloud-native solutions, meeting diverse project requirements and business objectives.
- Employed Ansible for configuration management and automation of infrastructure tasks, ensuring consistency, reliability, and scalability across heterogeneous environments and systems.

Education

- B. Tech in Computer Science from Abdul Kalam Technical University 2018-2022.
- H.S.C from State Board, U.P 2017.
- S.S.C from State Board, U.P 2015.