



Vaishnavi Lavhale

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To seek a position in a well-established Organisation that offers room for professional growth, As this provides me ample opportunities to exhibit my skills and competencies in the chosen field.

AWS Certified Solutions Architect - Associate (SAA)

Mar 19, 2022

SKILLS

Cloud: AWS
IaaS: AWS CloudFormation, AWS CDK
Databases: MySQL, PostgreSQL
Source code management: CodeCommit, Git, Bitbucket
Scripting: Python scripting, Shell scripting
Configuration management tool: Ansible
Continuous Integration tool: Jenkins, GitLab
Container orchestration tool: ECS, Kubernetes, EKS
Container Runtime Engine: Docker
Monitoring Tool: AWS Cloud watch, Datadog
Database Management Tool: PgAdmin

EXPERIENCE

Crane Process Flow Technologies India pvt Ltd

December 2021- Present

Devops Engineer

- Have good understanding in **Kubernetes** architecture and deploying AWS Kubernetes service EKS.
- Experience in working with Docker, ECS container service and successfully deployed the images in cloud environment for managing application.
- Hands on experience in AWS Services like DMS, Elastic Search, Secret Manager, WAF, AWS Cognito.
- Experience in infrastructure monitoring tools like Cloudwatch, Datadog and integrating log analytics using Elastic search.
- Used SNS as notification service and CloudTrail to monitor API calls.
- Configured DR solutions for applications that required high availability. Tested the DR solutions by performing DR mock drills to test its overall RPO (Recovery point objective) and RTO (Recovery time objective)
- Work closely with leadership for developing their concept of constructing a cloud management and automation platform
- Adopted a process of drafting, reviewing and committing technical documentation for the overall contributions
- Worked with Development Team and testing team to establish a build schedule, execute the builds and troubleshoot builds failures, if any.

Ample Softech Systems Pvt. Ltd.

March 2020 - December 2021

Cloud Engineer

CI/CD Continuous deployment

- Setup the CI/CD pipeline for deploying java web applications on a Tomcat Server using Github, Jenkins and Ansible playbook.
- In place and blue-green (zero downtime) deployment using AWS CodeDeploy and AWS CodePipeline.
- Automated build and deployment using Jenkins to reduce human error and speed up production processes.

- Setup Jenkins Server, CI/CD Jobs/Pipeline for building code, testing and artifact/release management for multiple developer projects.

- Setup the CI/CD for lambda deployment using bitbucket pipeline.

Infrastructure as Code

- Created networking components like: VPC, Subnets, Route Tables, NAT Gateway, Internet Gateway using AWS CloudFormation.

- Created entire compute stack consisting of: EC2 instances, Elastic Load Balancer, Launch Configuration and Auto Scaling Group using CloudFormation.

- Created cloudformation templates for IAM roles, lambda function and Route53.

Automation and Scripting

- Written Python Lambda scripts to perform daily routine tasks such as creating EC2 backup, RDS backup, deleting unused AMIs, and snapshots.

- Configured Lambda Python scripts for starting and stopping non-prod instances (EC2, RDS) daily to achieve cost optimization.

Configuration Management

- Managing multiple nodes from a Ansible server and bootstrapping them to implement push-based mechanism.

- Written a yaml script inside a playbook file to install an apache server on multiple nodes.

Migration

- Migrated multiple on-premises applications to AWS by leveraging the auto-scaling & load balancing and achieved highly available infrastructure.

- Deployed and provisioned AWS Infrastructure Architecting for more than 5+ deployment projects including services like AWS, VPC, EC2, S3, RDS, Route 53

Logging and Monitoring

- Configured logging mechanism to aggregate system logs and application logs on AWS CloudWatch

- Configured cloud trail to keep track of AWS resources.

EDUCATION

Dr. D Y Patil Institute of Engineering Management and Research
Akurdi Pune

2018

Bachelor of Engineering

Dr. Panjabrao Deshmukh Polytechnic Amaravati

2015

Diploma in Computer Engineering

Jagrut Vidyalaya Warud

2012

SSC

SOFT SKILLS

Creativity | Communication-English | Problem-solving | Work ethic | Teamwork