

KUMAR KALVA

DevOps Engineer

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PROFILE SUMMARY

- ✓ 1 years 3 month of Experience in Software Development Skilled at Operating in a wide range of Platforms like DevOps, AWS and Linux. Having experience in DevOps/AWS Software Configuration Management which includes Build Automation, Continuous Integration, Continuous Deployment, and Continuous monitoring using Automation Tools. Well versed in software production, development life-cycle and release of software products.
- ✓ Expertise in DevOps, Configuration Management, Cloud Infrastructure, Automation it includes Amazon Web Service (AWS), Jenkins, Git etc.
- ✓ Installed and monitored the infra using Nagios and created alerts to ensure the stable infrastructure.
- ✓ Administering Jenkins and secured Jenkins with role-based access controls.
- ✓ Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
- ✓ Excellent skills in applying Continuous Integration, Continuous Deployment and Continuous Delivery processes & tools [Example: Git, Ansible, Jenkins.]
- ✓ Good working knowledge in CI & CD and building a pipeline using Jenkins.
- ✓ Have hands-on knowledge with Ansible and writing Playbooks.
- ✓ Installed and maintained the GIT repositories.
- ✓ Trained development teams on GIT usage and best practices.
- ✓ Experience in configuring and updating the servers using configuration management tools like Ansible, and Experience in Containerization tool like Docker.
- ✓ Good understanding in ECS (EC2 Container Service) for cluster management.
- ✓ Good knowledge in Auto-scaling and load balancing concepts.
- ✓ Have working knowledge in maintaining AWS services from CLI.
- ✓ Have knowledge in setup and configuring Monitoring tool.
- ✓ Excellent analytical, coordination, and communication skills

Key Skills

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|---------------------------------|--------------------------|
| ✓ Operating systems | Linux, Ubuntu & Windows. |
| ✓ Scripting Languages | Shell Scripting. |
| ✓ Configuration Management tool | Ansible. |
| ✓ Cloud | AWS. |
| ✓ Application Servers | Tomcat. |
| ✓ Web Servers | Apache. |
| ✓ CI Tools | Jenkins. |
| ✓ SCM Tools | GIT (GITHUB). |
| ✓ Build Tools | Maven. |
| ✓ Container technology | Docker. |

Organizational Experience

Working as a DevOps Engineer for **AGS INFOTECH LIMITED** from Sep 2020 to till date.

Professional Experience

Client: Hitachi

PROJECT: Chatbot

Team size: 6

Role: DevOps Engineer

Environment: GIT, Bit Bucket, Jenkins, AWS, Docker, shell script.

Description

Messaging is big bet for radically improving the contact experience.

Using Chatbot we are directing the customer to the best place to resolve their intent with pace.

A Conversational Chatbot must understand the user's intent, no matter how complex the sentence and be able to ask questions in return to remove ambiguity.

Responsibilities:

- ✓ Have Managed Pre-production and production releases of Chatbot performance.
- ✓ Have been In-charge for a shift and gave the support in production environment.
- ✓ Have Maintained all the servers are without any down time in the production environments.
- ✓ Monitored all the resources and created alerts to maintain the stable infra structure by using Nagios.
- ✓ Implemented CI/CD in Jenkins pipeline jobs and automated with Ansible.
- ✓ Implemented Continuous Integration and created Jenkins jobs according to application releases.
- ✓ Written playbooks to customize the Ansible as per our environment.
- ✓ Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, Elastic Load-balancers, S3, VPC, Cloud Watch, IAM, ECS, ECR, RDS.

EDUCATION DETAILS

B Tech

2015-20 MECHANICAL ENGINEERING

BAPATLA ENGINEERING COLLEGE, BAPATLA

DECLARATION

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

Regards,

KUMAR KALVA