NAGENDRA REDDY NULAKA

DevOps Engineer

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Professional Summary

- 2 years 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, Continues Integration, Continues Deployment, and Continues 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, Maven, Graphite, Signal FX etc.
- Used Ansible playbooks, recipes, roles, run list to deploy web applications, application servers and vendor applications.
- Installed and Monitored the infra using Graphite, Signal FX 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, Maven, Jenkins, Jfrog, Apache Tomcat.
- 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.
- Have working knowledge on Design and Implementation of VPC.
- Good understanding in ECS (EC2 Container Service) for cluster management.
- Good knowledge in Route53 and DNS service.
- 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.

Technical Expertise

Cloud Environments	AWS, Microsoft AZURE, GCP.
AWS Services	VPC, Cloud Front, Route 53,EC2, AMI, IAM, S3, Cloud Watch, Cloud Trial, SNS, SQS, Route 53, SFTP, Lambda, Auto Scaling, AWS Cost Management, KMS. Load Balancer
Configuration Management	Ansible
Databases	MySQL, PSQL
Build Tools	Maven Jenkins
Web & Application Servers	Tomcat
Containerization Tools	Docker, Kubernetes
Version Control Tools	GIT, GitHub, Subversion
Scripting	Shell Scripting
Logs Management	Cloud watch, SignalFX, Graphite, Graphana

Professional Experience

- Working as a DevOps Engineer for FX ABS Software Solution Pvt.Ltd from May 2019 to till date.

Education

Bachelor of Technology (B. Tech): Civil Engineering

Bapatla Engineering College (Autonomous)

Percentage – 6.96(CGPA)

Work History

Project 1

🔸	**Project Name**	OVERPAYMENT RECOVERY MANAGEMENT SYSTEM (ORMS)
🔸	**Role**	DevOps Engineer
🔸	**Team Size**	6
🔸	**Duration**	July -2020 to present
🔸	**Enviornment**	Windows7,8,Linux/unix,SQL Server,MySQL, GIT, Jenkins, Maven, Ansible, AWS, GCP,Docker.
🔸	**Descriptin**	TOPS is only adjudicate system right now which are paying over payments to provider and member as per there policy needs and requriments and storing in recovery tracking system. Exact piture of recovery amount generation by TOPS and how it is getting maintained in recovery tracking system (ORMS) for provider and OTS for member), how PE is interacting with recovery tracking system to get recovery information to population its end product

- Have Managed Pre-production and production releases of application 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 by using SignalFx.
- Used to create alerts to maintain the stable infra structure.
- Written Terraform code for booting up of instances in GCP.
- Implemented CI/CD in Jenkins pipeline jobs and automated with ansible
- Used maven as a build tool for creation of packages.
- Implemented Agile principles in our project.
- Implemented Continuous Integration, Nightly, Branch Builds according to application releases using JENKINS.
- Configured Kubernetes cluster at POC for migration from Mesos to Kubernetes.
- Written playbooks and Python scripts to customize the Ansible as per our environment.
- Integrated Maven with GIT to manage and deploy project related tags.
- 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.
- I Worked Cloud migration with Google Cloud Platform (GCP)

Project 2

♣	**Project Name**	Payment Engine (One Pay FullService)
♣	**Role**	DevOps Engineer
♣	**Team Size**	6
♣	**Duration**	June -2019 to july-2020
♣	**Enviornment**	Windows7,8, Linux/unix, SQL Server, MySQL, GIT, Jenkins, Maven, Ansible, AWS, GCP, Docker.
♣	**Descriptin**	In the US health care market, members providers are provided with EOB (Explanations Of Benefits) and health statements for the medical expenses which they reimburse through insurances. This is very END product in the whole life cycle from the time a member or provider starts the process for reimbursement.

- Driving industry best practice implementation around CI/CD and infrastructure management.
- Written manifests to customize the Ansible as per our environment.
- Manage the configurations of multiple servers using Ansible.
- Integrated the Ansible playbooks with Jenkins.
- Having good exposure in Jenkins for CI (Continuous Integration).
- Administered version control system that included branching and merging.
- Responsible for creating and developing the build process environment.
- Configured Kubernetes cluster and implemented in the staging environment.
- Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, Elastic Load-balancers, S3, RDS, DMS, VPC, Route53, IAM, Elastic Search.

- Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
- Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.
- Hands-on in writing the Docker files for building images.
- Containerizing applications with Docker
- Responsible for managing the Docker private registry.
- Participate in building the DevOps Platform with DevOps tools andhigh-end scripting languages like Ansible.
- Developing build and deployment pipelines using Jenkins, Maven,ANT for Java applications
- Strong working knowledge on GIT.
- Implemented Kubernetes concept for high availability and no down time.

- Configuration management software like Ansible. Performed infraautomation tasks using Ansible.
- Bootstrapping instances using Ansible and integrating with auto scaling.
- Manage the configurations of multiple servers using Anisible.
- Written multiple recipes and also customized facts for efficientmanagement of the Ansible clients.
- Experience in build management and continuous integration tools.(Jenkins).
- For migration purose I used Google Cloud Platform (GCP) in my project.

Date Of Birth	28-05-1998
Gender	Male
Father Name	Mr.Subba Reddy
Languagers	English, Telugu
Present Address	K P H P Phase-9, Kukatpally Pin Code:-500085 Hyderabad, Telangana
Permanent Address	Door No:7-19, Nagulavaram (village), Ardhaveedu (mandel) Prakasam (dist), Andhra Pradesh

Personal Details

Declaration

        I hereby declare that the above written particulars are true to the best of my knowledge and brief.

Regards,

N.Nagendra Reddy.