

Resume

K.Naveen

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Skilled Devops Engineer (AWS) - Having 2.7+years of Experience in information technology and service industry. Hands on Experience in GitHub, Git, Tomcat, Maven, Jenkins (CI/CD), Docker, Kubernetes, Ansible, Terraform and Linux.

Skilled in Cloud Computing AWS Tools Like EC2, S3, AMI, EBS, VPC, Snapshots, Volume, Backups, Db creation, Billing.

Professional Summary:

- Experience with Amazon AWS Cloud Administration which includes services like: **EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Security Groups.**
- Managing AWS instances via monitoring tool and action the alerts accordingly.
- Implemented, deployed and maintained cloud infrastructure using AWS.
- Creating/Managing AMIs, Snapshots and Volumes Upgrade Downgrade AWS resources (CPU, Memory, EBS) Manage network security using Security Groups, and IAM.
- Creating S3 buckets and managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
- Managed Linux and Windows virtual servers on AWS EC2 using Ansible Server. Configured and monitored distributed and multi-platform servers using Ansible.
- Worked on Jenkins by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End-to-End automation for all build and deployments.
- Working on SCM tools **Git, GitHub.**
- Hands on experience with **Ansible Playbooks**, modules and roles and Set up Continuous Integration for major releases in Jenkins.
- Having good implementation experience with installation and configuration of **Kubernetes**, clustering them and managed local deployments in **Kubernetes.**
- Experience knowledge in Continuous Integration and Continuous Deployment methodologies.
- Deployed and orchestrated the applications with Kubernetes.
- Building/Maintaining **Docker** container clusters managed by Kubernetes, Linux, Bash, GIT, Docker.
- Utilized Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploys.
- Created and maintained various **DevOps** related tools for the team such as provisioning scripts, deployment tools and staged virtual environments using Docker.
- Strong ability to troubleshoot any issues generated while building, deploying and in production support.
- Strong knowledge on source control tools like Subversion (SVN), **GITHUB, Bit Bucket** and Version Control Systems like GIT, to track changes made by different people in source code involving concepts like Branching, Merging and Tags.
- Ability to learn and master new technologies and to deliver outputs in short deadlines.

Educational Summary:

- M.B.A from Sathyabama University, Chennai – 2019.

Technical Skills:

Version Control System	: GIT, GitHub,
Build and CI/CD tools	: Jenkins
Configuration Management	: Ansible
Containerization	: Docker, Kubernetes
Cloud Platform	: Amazon Web Services
Application servers	: Apache Tomcat Server ,Apache Web Server, Nginx
Operating systems	: RedHat Linux, Ubuntu, Windows
Static Code Analysis	: SonarQube
Repository Manager	: Nexus
Monitoring	: Grafana/Prometheus

Professional Experience:

Working as a DevOps – AWS Engineer for UV Infratech Systems Pvt. Ltd. Hyderabad from Aug 2019 – Present
(Client) - Deluxe Entertainment services Groups

Responsibilities:

- Implemented AWS solutions like EC2, S3, IAM, EBS, Elastic Load Balancer (ELB), Security Group, Auto Scaling, and RDS.
- Created snapshots and Amazon machine images (AMI) of the instances for backup and creating clone instance and can create complex Identity and access Management (IAM) policies for delegated administration within AWS.
- Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using Amazon EC2, Ansible and custom Python scripts.
- Implemented continuous delivery pipeline involving Jenkins, Ansible to complete the automation from commit to deployment.
- Assisted developers with establishing and applying appropriate branching, labeling convention's using GIT source control.
- Expertise in coordinating and supporting merging process with source code control.
- Implemented and supported CI process via Jenkins.
- Implemented the setup for master slave architecture to improve the performance of Jenkins.
- Worked on Docker/Kubernetes Containerization of cloud-based application.
- Used Kubernetes of the **CI/CD** system to build, test, deploy.
- Automates the application deployment, configuration management using Ansible and configuring Apache tomcat server using Ansible.
- Developed Docker file for different environments

- Created Docker images as per requirement Supported and developed tools for integration, automated testing and release management.
- Perform Deployment of War files in Tomcat application server.
- Used **Jenkins for Continuous Integration** and deployment into Tomcat.
- Automated various infrastructure activities like Continuous Deployment, Application Server setup, Stack monitoring using Ansible playbooks and Jenkins.
- Created and maintained continuous integration (CI) using tools Jenkins/Bamboo over different environments to facilitate an agile development process which is automated, enabling teams to safely deploy code repeatedly.
- Setup Grafana/Prometheus for Infra/Container monitoring and Log analysis.
- Analyze and resolve conflicts related to merging of source code for GIT.
- Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
- Used Jenkins for Continuous Integration and deployment into Tomcat.
- Configure Elastic Load Balancer (ELB) for distribution incoming application traffic across multiple EC2instances.
- Creating S3 buckets and managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.
- Configure the Content Delivery Network (CDN) CloudFront using S3 Bucket to improve the site performance.

Declaration:

I hereby declare that the above-mentioned information is correct to my knowledge and belief.

Naveen K