

JAGADEESH KARRI

DEVOPS ENGINEER

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 OH

SUMMARY

- 3+ years of working experience as a DevOps engineer and also a excellent knowledge of Linux systems, Cloud and monitoring processes.
- Excellent knowledge of environments using Software Development Life Cycle (SDLC), Agile and Waterfall development methodologies.
- Expert in using configuration management tools like Docker, Puppet and Ansible.
- Ability to install and configure Kubernetes, clustering them and manage local deployments in Kubernetes.
- Proficiency in setting up the CI/CD pipelines using Jenkins, GitHub, Chef, Terraform and AWS.
- Proven knowledge of Amazon AWS cloud creating EC2 instances, security groups, EC2 container services, and Amazon elastic block store.
- Extensive experience in version control systems like Subversion, Git and used Source code management tools GitHub and Bitbucket including command-line applications.
- Proficient in querying RDBMS such as MySQL and SQL Server.
- Strong Interpersonal Skills, team-working attitude, takes initiative and very proactive in solving problems and providing the best solutions.
- Experience in maintaining AWS (Amazon Web Services) EC2 (Elastic Cloud Computing) resources like instances, EBS volumes, snapshots, ELB (Elastic Load Balancers), AMI's, security Groups, Elastic IP's, Key pairs, and Amazon Cloud watch for different zones in development.

Experience

Assurant, OH, USA | Feb 2023 – Current | DevOps Engineer

- Experienced in building and maintaining CI/CD pipelines for code deployment using GitHub, Jenkins, Maven, Ansible, and Kubernetes.
- Worked with project development teams following Waterfall methodologies and can design source code branching, release life cycles, and CI/CD pipelines based on pace and project deliverables.
- Experienced in using GitHub Actions to automate end-to-end CI/CD platforms to automate build, test, customize, and execute software development workflows.
- Advised and enforced CI/CD pipeline's security best practices.
- Compiled and managed source code packaged to WAR file and deployed to Tomcat servers.
- Developed and deployed new systems and infrastructure while following IAC best practices using terraform.
- Automated continuous integration and deployments using Jenkins with Docker and store images at Docker registry. Built and maintained Docker containers for application deployment.
- Experienced in writing and maintaining documentation on development practices and systems.
- Developed and presented DevOps solutions and procedures across many disciplines and team members reducing production costs.
- Built bash shell scripts for tasks automation.
- Installed and configured HAP Roxy load balancers.
- Worked on Docker containers and created images for various environments.

Sigma Tech, India | Jan 2019 - Nov 2021 | DevOps Engineer

- Participated and best practices of SDLC and Waterfall methodologies.
- Designed and built a continuous integration and deployment framework for Chef Code using test driven development.
- Used Kubernetes to deploy scale, load balance, scale and manage docker containers with multiple named spaced versions.
- Developed build and Deployment Scripts using Gradle as build tool in Jenkins to move from one environment to other environments.
- Configured and Deployed application packages on to the Apache Tomcat server.
- Architected and designed a rapid deployment method using Chef and Ansible to auto-deploy servers as needed.
- Configured Docker containers and created Docker files for different environments.
- Created and maintained user accounts, roles on MySQL and SQL servers.
- Designed, configured, and managed public/private cloud infrastructures utilizing Amazon Web Services (AWS), including EC2, Virtual Private Cloud (VPC), Public and Private Subnets, Security Groups, Route Tables, Elastic Load Balancer and AMI.

SKILLS

Methodology:

SDLC, Agile, Waterfall, Scrum

Configuration Management Tools:

Chef, Ansible, Nagios, AWS Systems Manager, Puppet

Containers and Orchestration Tools:

Docker, Kubernetes, AWS Elastic Container Service (ECS), Terraform, OpenShift, Helm Charts

Cloud Platforms:

Amazon Web Services (AWS), Microsoft Azure

Networking:

Amazon VPC, Route 53, Load Balancers

DevOps Tools:

Jenkins, AWS Code Pipeline, Terraform, Ansible

AWS Services:

EC2, ELB, IAM, S3, Cloud Watch, Redshift, Autoscaling, Cloud Formation

CI-CD/Build Tools:

Maven, Gradle, Jenkins

Scripting Languages:

Python, Shell Scripting, PowerShell, Bash, Putty

Monitoring and Logging:

AWS CloudWatch, ELK Stack (Elasticsearch, Logstash, Kibana), Nagios, Splunk

Databases:

SQL Server, MySQL, Amazon RDS, PostgreSQL

Security:

AWS Identity and Access Management (IAM), AWS Key Management Service (KMS)

Web Servers:

Apache Tomcat

Version Control / Other Tools:

Git, GitHub, Jira, Junit, Subversion (SVN), Bit Bucket

Operating Systems:

Windows, Linux, Unix

EDUCATION

Master Of Science in Computer Science
KENT STATE UNIVERSITY, OH, USA
(Jan 2022-Aug 2023)

Bachelor Of Technology in Electrical and Electronics Engineering
SARBA BHARATIYA SHIKSHA PEETH, INDIA
(Jun 2015-May 2019)