

# ANUMOLU VASAVI

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## Executive Summary:

- Having 4+ years of experience in DevOps methodologies and expert in designing, implementing, and managing cloud infrastructure, especially AWS, with infrastructure as a code (IAC) principle like Terraform and Cloud Formation.
- Expertise working with Kubernetes to automate deployment, scaling, and managing state full and stateless applications.
- Good experience with managing Docker and Docker files. Containerizing web application from Linux Server to Docker containerizes.
- Strong experience in Configuration Management tools like Ansible, builds/packaging, and defect management, troubleshooting and version control and environments upper vision.
- Expert in using different source code version control tools like GIT, AWS Code Commit
- Expert in scripting tools and coding with Shell scripting.
- Good understanding and experience with networking concepts like TCP/IP, HTTP, DNS etc.
- Server Installation, Configuration, Design and Administration, plus experience of extending and integrating these tools with other systems, platforms and processes using Shell, Bash Scripting.
- Expertise working with installation and configuration of web servers like Apache, Tomcat, and Web Logic.
- Experience in automating deployments on Application Server Tomcat.
- Extensive experience with Service Now for Project Planning/Management.
- Strong background in Installation, Configuration, Upgrades, troubleshooting, performance monitoring on RHEL, Debian and CentOS.
- Excellent communication skills, high analytical and problem-solving capabilities and goodteam player.

## Technical Skills:

Version Control Tools	Git, GitHub, GitLab, Bitbucket
Build Tool	Maven
Continuous Integration Tools	Jenkins, AWS DevOps Tool
IAAC (Infrastructure as a code)	Terraform, Cloud Formation
Log Analysis Tool	Splunk
Performance Monitoring Tools	App Dynamics, New Relic, Grafana
Web Technologies	HTML, XML
Configuration Management Tools/Scripting Tools	Ansible, Terraform, Shell Script, Cloud Formation
Cloud Technology	Amazon Web Services (AWS),
Web/Application Servers	Apache Tomcat
Artifactories	Nexus, Artifactory
Containerization	Docker, Kubernetes
Ticketing Tools	ServiceNow, Jira
Operating Systems	Linux (RedHat, CentOS, Ubuntu), Windows 2003/2008/R2/2012

## Work Experience:

- Worked as DevOps Engineer at AGA IT Solutions Pvt. Ltd from MAY 2023 to JUNE 2024

## Professional Experience:

### PROJECT DETAILS:

#### Project-1:

**Client** : Cognizant  
**Role** : DevOps Engineer

## Job Responsibilities:

- Worked closely with the development and operations organizations to implement the necessary tools and process to support the automation of builds, deployments, testing and infrastructure (infrastructure as code).
- Responsible for code build, release and configuration on Amazon EC2.
- Using Jenkins AWS Code Deploy plug-in to deploy to AWS.
- Configured S3 versioning and lifecycle policies to and backup files.

- Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.
- Managed Ubuntu Linux and Windows virtual servers on AWS EC2.
- Created triggers, alarms and notifications for EC2 hosts using Cloud Watch.
- Installed Jenkins, end-to-end build and deployment automation.
- Handle cost analysis for resource utilization.
- Installed, Configured and Administered Jenkins Continuous Integration Tool
- Developed build and deployment scripts using MAVEN build tools in Jenkins to move from one environment to other environments.
- Monitor the UAT/Production Environments for any downtime issues by performing regular cron job updates in servers.
- Monitor the application using New Relic and Grafana and Splunk.
- Administration of Git tools includes creating branches, tagging, and access permissions.
- Responsible for dockerizing applications.

## Work Experience:

- Worked as DevOps Engineer at Mindtree Pvt. Ltd from MAY 2022 to MAY 2023

## Professional Experience:

### PROJECT DETAILS:

#### Project-2:

**Client** : HCL (ING Bank- Netherlands)  
**Role** : DevOps Engineer

## Job Responsibilities:

Setting up and building AWS infrastructure resources such as VPC, EC2, S3, IAM, EBS, Elastic Search, Security Group, Auto Scaling, Lambda and RDS in Cloud *Formation* and involved in deploying the content to Cloud platform on AWS using EC2, S3, and EBS.

- Hands on experience with IAM to setup user roles with corresponding user and group policies using JSON.
- Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic

allowed reaching one or more AWS Ec2 instances.

- Used Docker, Kubernetes to manage micro services for development of continuous integration and continuous delivery.
- Worked on the Deployment, Configuration, Monitoring and Maintenance of Docker ContainerPlatform
- Implemented a Continuous delivery pipeline with Docker, Jenkins, GitHub, and AWS AMI's.
- Our Continuous Integration stack consists of GIT, Jenkins, CI/CD, and the Docker TrustedRegistry.
- Lead the cloud infrastructure maintenance effort using a combination of Jenkins for automating CI/CD pipeline in AWS.
- Created automated deployment job for Tomcat with Jenkins and managed deployment automation using Puppet, Custom Puppet Modules and Ruby.
- Configuration of various plug-ins for Jenkins for automation of the work flow and to optimizeand smooth running of build jobs.
- Responsible for a boarding application team to build and deploy their code using GitHub, Jenkins and Ansible.
- Used Ansible to document all infrastructures into version control and Used Ansible to document application dependencies into version control.
- Managed Maven environment by setting up local, remote, and central repositories with required configuration in maven configuration files.
- Responsible for design and maintenance of the GIT Repositories and the access controlstrategies and performed all necessary day to day GIT support for different projects.
- Created new jobs in Jenkins and built pipeline for Continuous Integration and migrated applications to the AWS cloud.
- Worked on maintaining, administering and supporting of Red Hat Enterprise Linux (RHEL)servers.

## **Work Experience:**

- Worked as DevOps Engineer at Global Logic Pvt. Ltd from JAN 2020 to MAY 2022

## **Professional Experience:**

## **PROJECT DETAILS:**

### **Project-3:**

**Client** : IBM  
**Role** : DevOps Engineer

## Job Responsibilities:

- Proficient in using all Amazon Web Services including **EC2, EBS, IAM, S3, ELB**.
- Deploy and monitor scalable infrastructure on Amazon web services (**AWS**) & **configurationmanagement using Ansible**. Worked on Physical to **Cloud Migration in AWS**.
- Expertise in running applications using Elastic Bean Stalk.
- Handled content distribution and data transfer and implementing content delivery network over Amazon Cloud Front. Handled streaming and live content over Amazon Cloud Front.
- Maintained and administered GIT source code tool. Created Branches, Labels and performedMerges in Stash and GIT.
- Developed processes, tools, automation for Jenkins based software for build system anddelivering SW Builds.
- Configuration and Administration of **Apache Web Server and SSL**.
- Automated the build and deployment of middleware applications using U Deploy. Conceived,Designed, Installed and Implemented CI/CD automation system.
- Strong in Linux System Administration. Experience with virtual machines
- Good knowledge of Networking (NAT, DND, firewalls, basic routing, load balancing, etc.)
- Comfortable working in a CLI environment Build, run and manage containers.
- Good Experience with web and mail protocols (HTTP, TLS, SMTP, etc.)

## Work Experience:

- Worked on Google Maps at TRIGEO Technologies Pvt. Ltd from JUL 2019 to OCT 2019

## Professional Experience:

### **PROJECT DETAILS: CAB**

## EDUCATION SUMMARY:

- Bachelor of Technology in Computer & Science Engineering from JNTU Hyderabad, Telangana.