ASHOK VEERASAMY

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Results-driven professional with 6 years of experience in the IT industry and over 2.5 years of experience in AWS DevOps and Build and Release Engineering. Skilled in applying DevOps practises and tools to streamline continuous deployment and delivery processes. I am seeking to contribute my expertise as a DevOps engineer to your team.

Professional Summary:

- Over 2.5 years of experience in AWS DevOps and Build & Release Engineering.
- Proficient in DevOps practices and tools, including Git, Maven, Jenkins, Tomcat, Ansible, Docker, Kubernetes, Terraform, and Prometheus/Grafana.
- Strong expertise in configuring and updating servers using Ansible and containerization with Docker.
- Proficient in CI tools like Jenkins, configuring jobs and integrating plugins for complete CI/CD pipeline.
- Knowledgeable in Infrastructure as Code (IaC) using Terraform.
- Hands-on experience with AWS services such as EC2, IAM, S3, VPC, RDS, Route53, and ELB.
- Familiarity with web servers like Apache and application servers like Tomcat for code deployment.
- Experience in writing Kubernetes service and deployment files.
- Proficient in monitoring and checking server utilities using Prometheus and Grafana.
- Strong knowledge of Maven, SonarQube, and other build and test tools.
- Experience with configuration management and automation tools like Ansible.
- Proficient in scripting languages such as Shell Scripting and Python.
- Excellent problem-solving skills and ability to troubleshoot and resolve technical issues.
- Strong communication and coordination skills for effective collaboration with cross-functional teams and stakeholders.

Tools & Technologies:

DevOps	Git, Maven, Jenkins, Tomcat, Ansible, Docker
Cloud	AWS (EC2, IAM, S3, VPC, RDS, Route53, ELB)
Containerization	Docker
Configuration Management	Ansible
Infrastructure as Code (IaC)	Terraform
Web Servers	Apache
Application Servers	Tomcat
Container Orchestration	Kubernetes
Monitoring	Prometheus, Grafana
Build and Test Tools	Maven, SonarQube
Scripting	Shell Scripting, Python
Issue Tracking	Jira
Operating Systems	Linux/Ubuntu/CentOS, Windows

Professional Experience:

DevOps engineer, Hexaware Tech-Payroll: JVS Future Tech, Chennai   ***February 2021-Present***

Client/Project: Affidea   ***Feb 2021-May 2022***
Technologies: AWS, Git, Docker, Nexus, Ansible, Jenkins, SonarQube, Terraform, Tomcat, Kubernetes

- Managed tasks in AWS and DevOps.
- Installed and configured Git and GitHub for code storage, and have hands-on experience with Git commands.
- Installed and configured Docker and have a strong uveerstanding of its components and workflow.
- Installed and configured Jenkins on both Windows and Linux machines, and integrated tools like Git, Maven, and Tomcat web servers with Jenkins.
- Created free style projects, Maven projects, and dependency projects, establishing complete Jenkins CI-CD pipeline and workflow for build and delivery pipelines.

- Have hands-on experience with Linux, Ubuntu, and CentOS, and can maintain application servers running Apache Tomcat.
- Implemented a centralized monitoring tool (Grafana) for development, staging, and production environments.
- Installed and configured Ansible on the Central node and managed hosts, and can run ad-hoc commands and playbooks to automate tasks.
- Implemented a Nexus private repository for an artifact.
- Used Terraform Modules to build production and disaster recovery environments in AWS.
- Developed multiple Docker containers, each running React, PHP, Go, and TensorFlow applications, and deployed them to Kubernetes Pods.

Project- Triglav Insurance AD   *Jun 2022-Present*
Environments: AWS, Git, Docker, Ansible, Jenkins, SonarQube
- Managed multiple AWS instances, setting up security groups and AMIs.
- Implemented version control using GIT, including tasks such as branching, tagging, and release activities.
- Integrated GIT and Maven with Jenkins to establish continuous integration processes.
- Automated application build and deployment using Jenkins and Ansible.
- Configured Jenkins master, added necessary plugins, and scaled with additional slaves for scalability and agility.
- Installed Docker, wrote Docker files, built images, and maintained production application containers.
- Set up Docker Registry for local image upload and download from Docker hub.
- Automated tasks using Ansible playbooks to improve efficiency and reduce manual work.
- Coordinated with developers and managers for successful deployment of code in production environment.
- Troubleshot tickets and issues using Jira tool.
- Upgraded development and production environment tools.
- Performed automated updates of Jira and Confluence plugins using REST API and UPM.
- Coordinated with vendors for issue resolution and stakeholder management.

Application Support   *August 2017-Jan 2021*
- Prioritized and addressed multiple open issues and trouble tickets in a timely manner.
- Maintained service reports to track and analyse support activities.
- Researched, diagnosed, and troubleshoot issues, identifying potential solutions and resolving them.
- Handled stressful customer support situations with professionalism and patience.
- Documented and recorded all activity and communication with customers over telephone and email.
- Communicated steps necessary to maintain and update software products to customers.
- Coordinated with service engineers for the installation and handover of machines after installation.
- Configured and maintained Windows IIS and websites/applications.

Educational Qualification:

B.E. in Mechanical Engineering from Anna University, Chennai.

Personal Details:

Full name	:	Ashok V
Father's name	:	Veerasamy
Date of Birth	:	02/06/1989
Mother's name	:	Kalavathi
Marital status	:	Married
Languages known	:	Tamil, English, Hindi
Current place of residence	:	Chennai-600073

(Ashok Veerasamy)