

Resume

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Career Objective:

Interested in long term opportunities providing responsibilities to architect, implement the DEVOPS activities in AWS Cloud Computing environment and supporting AWS cloud in enterprise level.

Professional Summary:

Total **2.7 years** of IT experience in DevOps Tools (like CI/CD integration for Application), AWS, Dockers, Kubernetes, Ansible, Build & Release management and Application support & development with technical expertise in the implementation, operations and support functions of mission-critical business solutions.

DevOps Tools

- ▶ Maintained Git workflows for version control (Source Code Management)
- ▶ Developed and maintained automated CI/CD pipelines for code deployment using Jenkins
- ▶ provisioned Servers and deployed features using Ansible
- ▶ Build and deployed Docker's containers for implementing Microservice Architecture.
- ▶ Ability to work with AWS EC2 and VPC Services.
- ▶ Working knowledge of AWS Cloud services - VPC, ELB, Auto-Scaling, EC2, S3, and Cloud-Watch.
- ▶ Implemented Maven builds to automate JAR and WAR artifacts.
- ▶ Extensively worked Kubernetes end to end Implementations & DevOps solutions.
- ▶ Experience in various source code management activities using GIT involving branching, merging strategy, daily merges, tagging and remote repository.
- ▶ Good knowledge of software development life cycle.
- ▶ Configuration deployment on cloud infrastructure using playbooks, roles and ad-hoc commands using Ansible
- ▶ Experience in building and deployment web applications in Apache Tomcat.
- ▶ Experience in Shell scripting.
- ▶ Experience in monitoring the service by using Nagios.
- ▶ Experience in continuous Build and Deployments to multiple environments like Dev, QA, PT and UAT.
- ▶ Having Good Self Learning Abilities and problem-Solving skills.
- ▶ Worked on Jenkins by creating jobs and build and deployment using the same.
- ▶ Jenkins Continuous Integration Server – Installation, Configuration, Design and Administration, plus experience of extending and integrating these tools with other systems, platforms.
- ▶ Adaptive to any type of work and zeal to learn new technologies.

Technical Tools

Programming Languages	: Shell, yaml and Groovy
Application Server	: Tomcat
Web Servers	: Apache Webservers, Nginx
Cloud Technologies	: Amazon Web Services.
Operating Systems	: Linux (Ubuntu, RHEL), Windows.
Configuration Management	: Ansible,
CI Tools	: Jenkins.
Build Tools	: Maven.
Containerization Tool	: Docker.
Version Control	: GIT, GIT Hub.
Monitoring Tool	: Nagios.

Work Experience:

Working with Promaestro Techsource Private limited as DevOps Engineer from june-2019 to Till Date.

Educational Qualification:

B. Tech in 2019 from Jawaharlal Nehru technological university, Kakinada.

Project 1 (june-2019 to August-2020)

Project	: Sentinel Ems
Role	: DevOps Engineer
Client	: Citi Bank

Roles & Responsibilities:

- ▶ Daily activities include creating builds, analyzing the code quality and deploying the artifacts in multiple QA and DEV environments and debugging issues.
- ▶ Experience in GITHUB server administration and maintenance.
- ▶ Strong experience with version control tools GIT including branching and merging strategies.
- ▶ Automation scripts and framework built using both Shell and Bash.
- ▶ Designed and managed CI/CD workflows using tools such as Jenkins & GIT.
- ▶ Uses Ansible playbook to deploy application, Creating products like Apache, tomcat, nginx on different platforms
- ▶ Managed Ansible Playbooks with Ansible modules, implemented CD automation using Ansible, managing existing servers and automation of build/configuration of new servers.
- ▶ Created Containers in Docker.
- ▶ Container management using Docker by writing Docker files and set up the automated build on Docker
- ▶ Created a Continuous Delivery process to include support building of Docker Images
- ▶ Created Docker private registry and Trusted registries
- ▶ Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers.
- ▶ Installed and configured the Kubernetes Clusters using KOPS & Kubeadm.
- ▶ Monitoring the infrastructure using Prometheus and Grafana.
- ▶ Creating Kubernetes Pod's and deletion.
- ▶ Scale up the Pod's and scale down the Pod's.

- ▶ Creating Name spaces and contexts in Kubernetes Cluster.
- ▶ Adding worker node to Kubernetes cluster.
- ▶ Deploying Kubernetes services.

Project 2 (August 2020 to Till date)

Project : Inventory Management System
 Client : **Zurich Insurance**

Roles & Responsibilities:

- ▶ Design and create automated build and deployment process.
- ▶ Troubleshooting, Monitoring of clusters, JVM administration.
- ▶ GIT Administration including creating branches, tags, user and group account requirements, resolution of user access issues, and responsibility for data security.
- ▶ Responsible for tagging and maintain code on version control GIT and GIT Hub.
- ▶ Creating branches and tags on subversion repository and provided branches access permission to development team.
- ▶ Responsible for resolving GIT relates issues and resolving developer issues related GIT.
- ▶ Maintaining the right software versions and manages the configuration and changes.
- ▶ Create and establish build process using MAVEN to perform builds efficiently and deployment of the application using Tomcat application server.
- ▶ Used the continuous Integration tools such as Jenkins for automating the build process.
- ▶ Automated building process and reduced all the manual intervention needed and merged that to the Jenkins.
- ▶ Perform Build activities using Maven and Jenkins tool. Perform Deployment of the WAR file in Tomcat application server.
- ▶ Experience building AWS EC2 instance for development, test, and production environments.
- ▶ Experience with cloud formation and JSON to generate Elastic Compute Cloud (EC2) instance.

Personal Information

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Date:

Place: