

## AWS/DevOps Engineer

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**Location:** Bangalore

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Be the key person in creative environment to utilize and refine my personal skills and abilities in the Modern Technology that offers Professional growth while being resourceful, innovative and challengeable.

### Summary:

IT Professional with 3+ years of Experience in Software Development Skilled at Operating in a wide range of Platforms like DevOps, AWS and Linux. Having experience in DevOps/AWS Software Configuration Management which includes Build Automation, Continuous Integration, Continuous Deployment, and Continuous monitoring using Automation Tools.

### Professional Summary:

- Around **3.4** Years of experience in **IT** industries with Professional Development, Automation of Build, Deployment Release Management.
- Experience on different tools like **GIT, MAVEN, APPACHE TOMCAT, JENKINS, DOCKER, KUBERNETES, ANSIBLE**, and **NAGIOS**.
- Work experience in **GIT** and Build tool like **Maven**.
- Experience with **GIT** Installation.
- Configured the **Jenkins** Jobs and as per the project requirements.
- Build and deployments under different testing environments starting from development to Production.
- Building of source code using **Maven**. Troubleshooting build/compile/configuration.
- Worked on **Jenkins** by creating jobs and Build and deployment using the same.
- Experience in deploying the code through web/application server like **Apache Tomcat**.
- Worked on **Dockers** Including Docker Installation, Creating Images, Containers, **Docker** compose and **Docker swarm**.
- Knowledge on Tools like Sonar Qube to maintain Code Quality.
- Experience in Monitoring tool using Nagios.
- Monitoring and managing CPU utilization, disk utilization, and memory utilization.
- Using **GIT** as a version control tool created local repo, adding, committing, pushing the changes from local repo to central repo, creating branches, tags, saving changes in recovering files.
- Perform Build activities using **Jenkins** tool.
- Configured **Git** with **Jenkins** and schedule jobs using **POLL SCM**, Webhooks option.
- Good knowledge in using of **Ansible** modules and playbooks.
- Experience on container orchestration tools like **Kubernetes**.
- Building/Maintaining **Docker** container clusters managed by **Kubernetes**.

- Proficient with container systems like **Docker** and container orchestration like **Kubernetes**.
- Experience on **Shell scripting** for deploying the jobs.
- Automating deployment scripts.
- Hands on experience in **AWS** cloud
- Experience in AWS to manage and configure **EC2** services.
- Working with platforms like Windows and Linux.
- Application building and packaging.
- Handling all the releases such as maintenance release, emergency release, patch deployments, and launch of new projects.
- Assisting developers by taking care of configuration items.
- Assisting onsite Incident Management team for quick resolution of the incidents.
- Define and employ common approach for processes such as build schedules, deployments, release requests, environment outage tracking and resolutions.
- Regularly attending Scrum call with offshore folks.
- Assisting Release management Team for supporting Higher Environments.
- Handling 10+ servers for build and release, deployment activities.
- Documented day to day issues and fixes.
- Supporting more than 15 projects with my Team.

### **Educational Details:**

B Tech Electronics and communication in Engineering JNTUA Univerity 2017.

### **Professional Experience:**

Working as a Devops Engineer for Tech Mahindra, Bangalore from Mar-2018 to till date.

### **Technical Skills:**

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|----------------------------------|----------------------|
| ● Operating Systems              | : LINUX Windows.     |
| ● Version Control Tools          | : GIT and GITHUB.    |
| ● Contiguous Integration tool    | : Jenkins.           |
| ● Build Tools                    | : Maven.             |
| ● Configuration Management tools | : Ansible.           |
| ● Virtualization                 | : Docker, DockerHub. |
| ● Container Orchestration Tool   | : Kubernetes         |
| ● Cloud Services                 | : AWS.               |
| ● Databases                      | : MySQL              |
| ● Application Servers            | : Apache Tomcat.     |
| ● Scripting Languages            | : Shell scripting.   |
| ● Monitoring Tools               | : Nagios.            |

## **Project.1#**

Environment : Git, Maven, Jenkins, Ansible, Nagios  
Application Server : Apache Tomcat  
Operating System : Linux  
Role : DevOps Engineer

### **Roles & Responsibilities:**

- Setting up the new build environment for various applications in Windows/Linux environment.
- Managed to organizational standards by maintaining the source code in GIT for various applications. Setting up the new Build Environment for various products in Linux Environment.
- Maintains and extends configuration and build sub-systems on GIT.
- Creating and maintaining the development and release branches on GIT.
- Using Maven as a build tool, I could automate the process of building artifacts.
- Implementing Jenkins continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
- Involved in installing Jenkins on a Linux Machine. And creating a Master and Slave configuration to implement multiple parallel builds through a build.
- Coordinating with developers and testers for Build and deploy Related issues
- Used AWS services like EC2, S3, EBS, Cloud Watch,ELB for building infrastructure.
- Participates in the design and implementation phases for new and existing products, with a focus on AWS technical knowledge for successful execution of the requirements.
- Help engineering teams implement new technologies in development for future production deployment.
- Actively monitor and administer the applications and hosting environment to increase efficiency, improve reliability, and minimize downtimes.
- Measurement, optimization and tuning of system performance and ensuring that systems will run reliably and are highly available in a 24/7 production environment.
- Used Docker Container for running different individual services and optimizing the infrastructure cost.
- Automating the manual process if any, by writing the Shell scripts.
- Involved in deployment of the application using Tomcat.
- Primary responsibilities include Build and Deployment of the java applications onto different Environments like QA, UAT, pre-Prod and prod.

## **Project.2#**

Environment : Git, Maven, Jenkins, Ansible, Nagios  
Application server : Apache, Tomcat, AWS  
Operating System : Linux  
Role : DevOps Engineer

**Roles & Responsibilities:**

- Involved setup of on premises data centre applications into AWS Cloud environment.
- Created templates in terraform and launched ec2-instances, s3 buckets and vpc configurations.
- Configured Public and Private subnets to build Bastion and web servers setup.
- Installed and configured Apache Tomcat and Apache on Linux and Windows environment.
- Respond and resolve the incidents, changes and problems in Production, Simulation and Development.
- Review and verify production Release Notes and build war/jar files using build tools maven and ant.
- Created and configured build.xml and pom.xml for building application packages according to the environment.
- Deployed applications with automation setup using Jenkins and shell scripts.
- Application deployment done on different environments with Jobs created in Jenkins.
- Responsible for deployment activities, regular changes and incidents on all the environments.
- Analyzed Console Messages, Java Exceptions, Log Files and Traces.
- Automated application installation, uninstallation and application enhancements through Batch scripting and Shell Scripts.
- Deploying the application packages in the format of War and Jar files through deploy scripts and admin console.