**Ashok Chelikicherla**

**Email:** ashokchelikicherla@gmail.com

**Mobile:** +91-9703914813

**Professional Experience:**

To place myself in a well-developed organization where I can apply my functional and technical expertise, innovative thinking and hardworking capability to become a dedicated DevOps Engineer

**Professional Summary:**

* 5 Years of Experience in Implementing Organization DevOps strategy In Cloud computing in IT Industry DevOps &**Linux, Git, GitHub, Maven, Jenkins, Nexus, Nexus IQ, Sonar, Ansible, ELK,Docker, Kubernetes and AWS.**
* Experienced with SCM tool **GIT** along with **GitHub**
* Experienced in Branching, tagging and version management strategies using Git.
* Experienced in build tools like **Maven**
* Experienced in setting up Artifactory like **Nexus**.
* Experienced in setting up and generating code quality reports using **SonarQube**.
* Experience on continuous integration like **Jenkins.**
* Experienced on Jenkins by installing, configuring and maintaining for the purpose of Continuous integration (CI) and for End to End automation for all build and deployments.
* Experienced in Jenkins master-slave for multi machine builds.
* Good Experience on writing various scripts in Jenkins to monitor server health and self-heal if necessary. Also, configured email plug-in to send alerts based on groovy script.
* Experienced in Configuring and managing web Server and automating this using **Ansible**.
* Experienced in creating custom **Docker** Images using **Docker** file and creating Docker Networking.
* Experienced in **Kubernetes clusters, Deployments, Production Monitoring.**
* Experienced with **Docker** on multiple cloud providers to build and containerize their application (CI/CD) to deploying either on public or private cloud.
* Good knowledge on **Apache - Tomcat server**, **Webspeare**, **NginX**
* Have an ability to work on Multiple targets and can switch between different projects quickly as per requirement.
* Worked on Amazon Web Services (**EC2, ELB, VPC, S3,ELK,Elastic search)**

**Technical Experience:**

|  |  |
| --- | --- |
| **Cloud Platform** | AWS |
| **Containerization Technology** | Docker ,Kubernetes |
| **Version Tools** | GIT, GitHub |
| **CI/CM Tools** | Jenkins, Ansible. |
| **SDLC** | Agile |
| **Operating Systems** | Windows, Linux. |
| **Bug Tracking** | JIRA |
| **Build tools** | Maven,node JS |
| **Application Servers** | Apache Tomcat |
| **Scripting Languages** | Shell, Python, Groovy |
| **Web Servers** | Apache HTTPD |
| **Artifact Repository** | Nexus |
| **Monitoring Tool** | Nagios and cloud watch |
| **Virtualization tool** | Virtualbox, VM Ware and Vagrant |

**Education Qualification:**

* Completed **Bachelor’s**  at Praksam Engineering College**(JNTU Kakinda) in 2011**

**Work Experience:**

* Working as an DevOps Engineer in **Accenture**, from May 2019 to till date.

**Project:**

* Project Name : RORO
* Client : Melbourne International RoRo and Auto Terminal Pvt Ltd
* Duration : May 2019 to till date
* Programming Language : JAVA
* Environment tools : GIT, MAVEN, Jenkins, Ansible, Docker, Kubernetes,

Red Hat Linux, Tomcat

* Operating System : Linux, Windows
* Role : DevOps Engineer

**Responsibilities:**

* Responsible to provide highly efficient architecture to run the application with negligible down time using Git, Maven, Nexus, Jenkins, Ansible, Docker, multiple ec2 instances with load balancers to manage load requirements Architecture also includes RDS, VPC and other services of AWS.
* Responsible to create branches in Git and merging branches as part of the Release management process.
* Responsible for Build and Release management using Git and Maven.
* Responsible for integrating and uploading artifacts to Nexus as part of CI process.
* Responsible for automating CI/CD.
* Responsible to write Docker files and Docker compose files to build docker images and containers.
* Responsible to maintain docker private repository.
* Responsible to write Ansible playbooks to automate the CD process.
* Responsibility to kubernetes object files like deployment, services etc..
* Alert handling in kubernetes production environment

**Earlier Work Experience:**

* Worked as a Software Engineer in **Tech Mahindra** from April 2018 to May 2019.

**Project:**

* Project Name : Enterprise Billing Inquiry tool
* Client : Aetna, USA
* Duration : April 2018 to May 2019
* Programming Language : JAVA
* Environment tools : GIT,MAVEN,Jenkins, Ansible, Puppet,

Red Hat Linux, Tomcat

* Operating System :Linux, Windows
* Role :DevOps Engineer

**Project Responsibilities:**

* Software Configuration management (Automate CI & CD pipe using Ansible, Maven, Jenkins & GIT).
* Responsible for tagging and maintain code on version control GIT.

➢ Perform Build activities using Maven and Jenkins tool.

* Responsible for creating Builds and Deployments Planes.
* Creating War / Ear files using Maven.
* Set up the Nexus Repository for deploy the artifacts.
* Configured Jenkins Jobs, install plugins for generating Project artifacts.
* Automate the build Process Using Jenkins jobs.
* Writing inventory files and Ansible configuration files.
* Creating playbooks in Ansible for configuration and Deployment activities.
* Automating AWS cloud deployments using Shell script and Ansible.
* Configured packages, services using Ansible modules like yum, service, templates, handlers etc.
* Perform Deployment of War files in Tomcat application servers using Shell script and Ansible.
* Perform deployments to multiple environments like Dev,QA,and UAT environments

**Personal Details:**

Name : Ashok Chelikicherla

Father name : Govindaiah

Date of birth : 01-06-1988

Gender : Male

Address : Nizampet, Hyderabad

Marital status : UnMarried

Languages : Telugu, English,Hindi

**Declaration:**

I hereby declare that the above furnished information is true and correct.

PLACE: HYDERABAD

CH.ASHOK