

## **DEVOPS ENGINEER**

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### **Professional Summary:**

- Having 3 years of IT experience in Enterprise Monitoring, Business Service Management, Configuration Management, Build, Deploy, Release Management, which includes 3 years of experience as an DevOps Engineer - supporting, automating and optimizing mission critical deployments in AWS, leveraging configuration management and implementing CI/CD across multiple environments.
- Expertise in building automated CI/CD pipeline with the help of Jenkins .
- Configured Jenkins job with Maven build tool and accomplished continuous deployment by integrating.
- Experience on using Version Control Management Tool like GIT and its web repositories in Git hub for source code storage and management.
- Configured Jenkins nodes to build jobs in the view of distributing the load of Jenkins master and achieved parallel builds.
- Integrated SonarQube with Jenkins for continuous inspection of code quality.
- Experience on installation of application servers such as Apache tomcat.
- Expertise in creating backup of EBS and restoring it in the desired region.
- Experience of configuring auto-scaling to handle the load on servers.
- Troubleshooting build & deployment failures and in configuration management.
- Inculcate the knowledge of SCM and build processes to Developers and QA teams.
- Experience in AWS services like VPC, EC2, S3, IAM, Cloud Watch, Cloud Front and Cloud Trail.
- Experience in Creating Docker images and Deployed Docker containers and orchestration using Kubernetes.
- Experience in managing all aspects of the software configuration management process including code compilation, packaging, deployment, release methodology and application configurations. Experience in Adminstrating and managing GitHub, Jenkins, Sonar, Docker, Kubernetes & AWS DevOps.
- Created & deployed multiple automations, automated deployments, scheduling jobs and dependency management using Python scripts.
- Experience in creating and configuring deployments using Ansible.

### **Education Qualification:**

B-Tech Graduate in Mechanical Engineering from JNTUK University (2019).

## Technical Skills:

Operating Systems	Red Hat, Centos,ubuntu, Window
Version Control Tools	Git & GitHub
Application Servers	Tomcat
Continuous Integration Tools	Jenkins
Build Tools	Maven
Containerization tools	Docker, Kubernetes
Cloud Technology	Amazon Web Services
Configuration management Tools	Ansible, Terraform
Scripting Languages	Python3

## Project Experience:

### Project #1

**SR CLOUDS, MALAYSIA**

**Sep 2019 – Till date**

<b>Client</b>	<b>: Fidelity Information Services (FIS).</b>
<b>Role</b>	<b>: DevOps Engineer.</b>
<b>Tools</b>	<b>: AWS, Jenkins, Maven, SonarQube, Nexus, Tomcat, Apache,GIT, Ansible, Python, Docker, Kubernetes.</b>
<b>Team Size</b>	<b>:8</b>

### **Roles & Responsibilities:**

- Responsible for releasing multiple live apps in UAT and Production environments on a weekly basis as per Release schedule.
- Fixed bugs on the build/deploy platforms, and worked closely with developers to understand their build requirements.
- Implemented the process of nightly builds and auto deployments for fast-paced applications.
- Built Continuous Integration Environment (Jenkins, AWS DevOps)
- Developed and maintained Maven scripts to automate builds and release tasks.
- Participated in all Product Release and Patches.
- Managed GIT as Source Control Systems.
- Deployed WAR, JAR files to various environments as part of release process.
- Involved in merging branches, updating deployed modules etc during release processes.
- Clear understanding of deployment concepts of Tomcat/Apache apps
- Experience with architecting application on AWS using different resources
- Used Ansible for automation
- Used SonarQube with Jenkins to measure the Quality of the code
- Building/Maintaining Docker container clusters managed by Kubernetes.
- Implemented Testing environments for Kubernetes and administrated the Kubernetes clusters.
- Involved in many client meetings and performed some rapid actions in improving the product.
- Writing (Modules) to automate infrastructure using Ansible Configuring CRON Jobs for executing daily activities such as Backup/Archive in Ansible

**Declaration:**

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief, I undertake to inform you of any changes therein, immediately. In case any of the above information is found to be false or untrue or misleading or misrepresenting, I am aware that I may be held liable for it.

(SAGI SATISH KUMAR)