**Satyanand Kumar Bhimadolu**

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**SUMMARY:**

* DevOps & AWS engineer with over 3+ years of experience supporting multiple environments as well as communicating with different teams.
* Working experience on operating systems like Windows,Linux,Unix etc.
* Ability to learn and master new technologies and also to deliver outputs in short deadlines.

**DevOps:**

* Working experience in DevOps tools like **Git** (Github, Git Bash), **Maven, Jenkins, Dockers, Dockerhub, Apache Tomcat, Ansible, Kubernetes.**
* Working experience in continuous integration & continuous deployment tool like **Jenkins** and dependency tools like **Git, Maven.**
* Extensive experience using Maven as build tool for building deployable artifacts (war/ear) from source code.
* Experience in using **Docker** for building image and Store images in **Dockerhub** private registry.
* Having knowledge on **Kubernetes cluter** technologies and creating deployments and services and Persistant Volumes, Persistant Volume Claims.
* Manage monitoring tool **Nagios** and custom setup.
* Have good experience in Build/Deploy pipeline setup and end-to-end job setup of all the projects.
* Having good Knowledge experience in agile methodology.
* Hands on expertise in implementing DevOps culture through CI/CD tools like **Jenkins**.
* Working experience on Automate Build Process, Automate Testing Process, Automate Deployment Process and Automate Release Process.
* Having good experience in configuration management tools like **Ansible**.
* Worked with Developers, QA and other teams to ensure automated test efforts are achieved.

**AWS:**

* Good understanding of Amazon Web Services (AWS), Creating EC2 Instances and configuration all necessary services.
* Configuration Virtual Private Cloud (VPC) with subnets, AWS security patches and NAT Instances manually as well as with the **VPC** creater.
* Having experience on below services
* EC2
* VPC, Subnets, IGW, Route tables
* AMI (Amazon machine image)
* IAM (Identity & Access management)
* Volumes
* Route53
* S3 bucket
* ELB (Elastic load balancer), Auto scaling
* NAT gateway, NAT Instance
* RDS (Relational Database Service)
* Knowledge on Configured security groups and Network Access Control List (NACL).
* Knowledge on Terraform.

**TECHNICAL SKILLS:**

Cloud Management **:** AWS

Configuration Management tools **:** Ansible

Operating Systems **:** Windows, Linux

Version Control Tools **:** Git, Gitbash & Github

Network Monitoring **:** Nagios

Scripting Languages **:** Shell Scripting

Web/App servers **:** Apache, Tomcat

CI/CD Tools **:** Jenkins

Build Tools **:** Maven

Containerization Tools **:** Docker

Bug tracking tools **:** JIRA

**EDUCATION:**

B.Tech ECE from BVC College of Engineering, Rajahmundry in the year 2012 - 2016 affiliated to Jawaharlal Nehru Technological University Kakinada with an aggregate 69%.

**PROFESSIONAL EXPERIENCE:**

 Currently working as **Devops Engineer** for **Riosoft Technologies Private Limited** in Hyderabad from **April 2017**  to till date.

**WORK EXPERIENCE:**

**Organisation: RIOSOFT TECHNOLOGIES PRIVATE LIMITED**

**Client: Macy's, US**

**Period : March 2019 to Present**

**Role: AWS and DevOps Engineer**

**Description:**

The Bill Right is the concept of itemized billing for software services, it facilitates invoicing for the micro level segmentation of customer requirements. Role based accessibility for customers and vendors. Dynamic resource is one the key feature of bill Right.

**Responsibilities:**

* Maintaining the source code in GIT for various applications.
* Installing and configuring **GIT, Maven, Docker and Ansible** through **Jenkins** for Deployment and automation
* Automating build process for creating WAR artifacts using Maven.
* Using Jenkins as a Continuous Integration and Continuous delivery tool for automation of daily process.
* Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and end-to-end job Setup of all the projects.
* Project fully based on **agile methodology**.
* Installed and configured Jenkins for continuous integration and continuous deliveries.
* Build and configured Jenkins slaves to reduce the workloads for parallel job execution.
* Integrating SonarQube with Jenkins for static code analysis.
* Integrating S3 publisher to store artifacts.
* Using Nagios monitoring tool to monitor network traffic, network quality and detect network problems.
* Using Configuration management tool **Ansible** for configuration multiple servers.
* Using Ansible to write Ad-hoc for single services and maintain Playbooks for multiple services.
* Creating Doker image and store into the Dockerhub private registry.
* Installing KubernetesCluster and managing nodes configuration and making deployment and service files.
* Managed AWS like EC2, S3 bucket, RDS, EBS, ELB, Auto-Scaling. AMI, IAM roles through AWS Console.
* Configured security groups and VPC under subnets, routing tables.
* Experience working on multiple AWS instances, set the security groups, Elastic Load Balancer and AMI’s, Auto Scaling to design cost effective, fault tolerant and highly available systems.
* Implementing and setting up **Route** **53** for AWS web Instances, ELB on AWS Environment.
* **Environment:** Git, Github, Jenkins, Maven, Ansible, Docker, AWS, Apache tomcat, Linux, Shell Scripting

**Organisation: RIOSOFT TECHNOLOGIES PRIVATE LIMITED**

**Client: Fidelity capital Management**

**Period: Nov 2017 to Feb 2019**

**Role: Build & Release/DevOps Engineer**

**Description:**

 Fidelity capital Management is an investment advisory firm that specializes in financial planning and wealth management for pre-retirees, retirees, seniors, and small businesses.

**Responsibilities:**

* Maintaining the source code in GIT for various applications.
* Excellent skills in applying continuous Integration, Continuous Deployment and Continuous Delivery process using Maven, Jenkins, Apache Tomcat, Shell scripting etc.
* Writing maven scripts to automate project build process.
* Integrating Nexus with Jenkins to store artifacts.
* Responsible for pushing builds into Dev, QA/UAT/Pre-production.
* Resolved build issues.
* Hands on expertise in implementing DevOps culture through CI/CD tools like Jenkins.
* Used nagios to monitor network traffic and detect network problems.
* Manage the configurations of multiple servers with configuration management tool using Ansible.
* Experience with ticketing tool JIRA for issue/bug tracking.
* Project completely based on agile methodology.
* **Environment**: Git, Maven, Jenkins, Ansible, Apache tomcat, JIRA, Linux, Web servers.

**Declaration:**

 I hereby declare that the information furnished above is true to best of my knowledge and belief.

 **Satyanand Kumar B**