**DevOps-AWS Engineer with 7.5 years**

**Name :SUJAY KUMAR D**

**Mail :sujayd0405**[**@gmail.com**](mailto:omprakashpatil710@gmail.com)

**Ph :6364027315**

**PROFESSIONAL SUMMARY:**

Having **7+**years experience in the IT Industry as a **DevOps** and **AWS** Engineer. Possessing excellent programming skills summed up with strong knowledge in **Linux, Shell Scripting, DevOps, Jenkins, Maven, Git, Ansible, Docker, Kubernetes, Apache Tomcat, Amazon Web Service (AWS)**.

**TECHNICAL SKILLS:**

* Container Tools :**Docker , Kubernetes**
* Cloud services and IaC : **AWS and Terraform**
* Web Application Server : **ApacheTomcat**
* Build Tools : **Maven, ANT**
* (SCM) Tool :**Git, GITHUB**
* Continuous Integration (CI) Tool :**Jenkins**, **Jenkins pipeline**
* Operating Systems :**Linux, Ubuntu, Windows.**
* Scripting Languages : **Shell Script, Groovy**
* Configuration Management Tool: **Ansible.**
* Monitoring Tools :**Cloudwatch**
* Artifactory : **JFrog**

**Skill Summary (DevOps & AWS):**

* Experienceon working with **GIT** and **Git Hub** - Created Repositories, branches and providing access permissions to the developers over branches.
* Good Experience in containerization tool **Docker** and Configuring the customized **Docker** containers and creating **Docker** files for different environments.
* Good Experience in container orchestration tool **Kubernetes**. I am able to run stateless and stateful applications on k8s cluster and creating **Kubernetes** manifest files like **pod, services, daemon sets, replica sets, replica controller, deployments.**
* Using volumes to provide persistence storage to containers. Worked on scaling our apps using metrics.
* Good experience in **AWS** with provisioning & resource management and setting up Enterprise infrastructure on Amazon Web Services (AWS).
* Experience in configure AWS services **like VPC, EC2, Autoscaling, IAM, AMI, EBS, ELB, Cloud watch, RDS and S3.**
* Experience of configuring highly available, secure and robust VPC in AWS, Configured security groups, Network Access Control Lit, Routing Tables.
* Experience of configuring auto-scaling, Load Balancers to handle the load on servers.
* **Cloud Watch** for monitoring server metrics, creating alarms & integrating with **auto scaling** in AWS.
* Worked on infrastructure as code (IaC) terraform.
* Extensively worked on Jenkins for **CICD** and for End to End automation for all build and deployments using pipeline scripts and freestyle jobs.
* Monitoring daily builds and Verifying logs if build fails in Jenkins. Creating WAR Files Using the build tool **Maven**.
* Implementing a Continuous delivery framework using **Jenkins, Ansible, & Maven** in **Linux environment.**
* Deploying and Automated deployment of artifacts to various environments like DEV, QA, and UAT/STAGING through freestyle and pipeline script.
* Verify Deployment logs to check for successful deployments.
* Expertise in building automated CICD pipeline with the help of **Jenkins**.
* Good experience in Managing and backup the generated artifacts into **JFrog** Artifactory.
* Configured **Jenkins** nodes to build jobs & distributing the load of Jenkins server and achieved parallel builds using master-slave configuration.
* Good **Knowledge** in writing Terraform template files and modules to create, update, version and provisioning the AWS infrastructure.
* Good experience in writing **Ansible** Playbooks and deploying applications and provisioning Cloud services.
* Experience in Monitoring teams to identify and troubleshoot issues on servers using service like CloudWatch**.**

**PROFESSIONAL EXPERIENCE:**

* Currently working as a Devops Engineer in **Mavenir Systems**from May 2015to till date.

**PROJECT DETAILS:**

**Project :**

**Role : DevOps Engineer**

**Environments :Jenkins, Git, Linux, Maven, Shell script, Ansible, Docker,**

**Kubernetes, AWS, Terraform.**

**Duration :May 2015 to till date.**

**Description:** proving software for deliver internet protocol (IP)-based voice, video, rich communications and enhanced messaging services to clients and provided service to approximately 120 mobile networks globally.

**Roles & Responsibilities:**

* Coordinate/assist developers with establishing and applying appropriate branching, merging conventions using **GIT** source control.
* Configured and maintained **Jenkins** to implement the **CI** process and integrated the tool with **Ant** and **Maven** to schedule the builds and automated the deployment on the application servers using the “code deploy” plugin for Jenkins.
* **Continuous Delivery** is being enabled through **Deployment** into several environments of Test, QA, Stress and Production using **Jenkins**.
* Automate the builds and deployment of **projects** using Jenkins.
* Deployed configuration management and provisioning to **Terraform**, involved of automated deployment of EBS on to the AWS EC2 instances and automated the complete environment on AWS
* Implement, maintain and support reliable, timely and reproducible builds for project teams
* Hands on experience in automating builds and deployment process using Shell scripting.
* Setting up EC2s, Creating VPCs, modifying route tables accordingly, Creating ELBsand configuring them to work on the service ports as per the application’s need.
* Experience working on several Docker components like Docker Engine, Hub, Machine and Docker Registry.
* Created Docker files and build images and push to the Docker private registry
* I am creating **Kubernetes** manifest files like **pod, service, daemon sets,replica sets, replica controller, and deployments.**
* Involved in fixing the **Bugs** in the build script.
* I worked on build tools such as Maven and I worked on configuration Management tools as Ansible and to deploying the packages in to servers.
* Manage configuration of Web App and Deploy to **Ansible.**
* Experienced with Nagios, Cloud Watch as IT Infrastructure Monitoring tool.

**Company:** IBM, Bangalore from March 2013 to April 2015

**Project Details:**CPS India is a sub stream of IBM Global Business Services, which provides services for finance and administration sectors. Mainly CPS focus on providing IT security for its clients. Team, work on standard IT practices keeping in mind the security requirements and audits. Team is also responsible for automating tasks such as inventory validation, Network Health checks etc.

**Roles and Responsibilities:**

* Creation of release packages for delivery to the customer
* Reporting of build results to the PMs
* Coordinate user requests, and give user support concerning CI, Build, Configuration and Release Management issues
* Identifying and driving automation of tasks associated with continuous integration and release process
* Enough understanding to debug or specifies major component areas where major bugs or build failures occur.
* Experience in configuration management and release engineering in multiple branches environment
* Giving knowledge to developers about version control and build/ release concepts
* worked closely with application developers to devise robust deployment, operating, monitoring, reporting for the applications.
* Participated in the release cycle of the product which involves environment like Development QA, UAT

**EDUCATION:**

* M.Tech. -University BDT College of Engineering (UBDTCE),Davangere -DAVANGERE UNIVERSITY - 2011
* B.E. -University BDT College of Engineering (UBDTCE), Davangere–KUVEMPU UNIVERSITY -2009
* 12th - Shastry Composite PU College. Hunsur
* 10th - Shastri High School.Hunsur

I declare that the information given above is true to the best of my knowledge

**Place: Bangalore SUJAY KUMAR D**