Rajat Kumar Sahu

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| OBJECTIVES: |  |

To work with a progressive and professional organization with challenging and responsible opportunities which will help to improve my knowledge and utilize my strengths with skills.

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| SUMMARY: |  |

* Having 3.3 years of experience working in **DevOps & Cloud** area,working with various **CI/CD** implementations involving different phases from code compilation to deployment, Environment management and maintenance.
* Worked on continuous integration tool **Jenkins** by creating & scheduling jobs. Extensively worked with source code management tool **Git**, build tool **Maven** to generate final artifacts.
* Expertise in various branching methodologies, merging and tagging to facilitate defect/change management in conjunction within projects across the organization.
* Created and maintained **Jenkins** jobs that execute **Shell scripts** for automation with **Pipeline.**
* Hands-on experience in configuring Master/Slave configuration on Linux environment using Jenkins.
* Hands-on experience on **Docker** like creation of Docker file, Docker images, Dockercontainers. managing docker images in the ECR and deploying applications into different environments using Docker
* Hands on experience on configuration tools like **Ansible**.
* Hands on Experience with core concepts such as setup, **Inventory, Playbooks,**Jinja2template, vault,Actions,strategy,**Roles,Tasks and Modules** in Ansible.
* I have worked on **Kubernetes** in aws(EKS).
* I have been working on EKS to manage our dockerize application.
* Worked on deployment automation of all the micro services to pull image from the private docker registry and deploy to dockermicroservices cluster using Ansible.
* Hands on experience in aws like **vpc, subnet, routetable, Nat gateway, Nacl, SecurityGroup, IAM, S3, RDS, loadbalancer(elb,alb), autoscaling, EKS, ECR, cloud watch,route 53**.
* Hands-on experience on application server Apache-tomcat for deployments.
* Ensured proper version control, revision labels and baseline management procedures as part of the release process.
* Worked closely with software developers, QA & IT team to debug build failures.
* Participated in release level discussions and gone through the total **SDLC and Agile process**.
* Tracking of all build related bugs using ticketing/bug tracking tool **Jira**.

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| EDUCATION: |  |

* B.Tech in electronics and communication engineering, BPUT-ODISHA – 2014

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| TECHINICAL SKILLS: |  |

* Version Control Systems : Git, Github
* Build Tools : Maven
* CI Tools : Jenkins
* Containerization : Docker
* Configuration Management : Ansible
* Orchestration : Kubernetes (EKS)
* Cloud computing : AWS
* Scripting Languages : Shell scripting,Python
* Web/App servers Apache : Tomcat, nginx, apache
* Platforms : Linux,Windows
* Other Tools : Jira

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| Professional Experience: |  |

**Organization: MOUSER ELECTRONICS**

**Role:** DevOps Engineer

**Duration:** March 2018 to till date

**Responsibilities**

* Manage source control repository in GIT– controlling and monitoring Source code & create tags for builds.
* Create branches, merging branches and creating tags in GIT.
* Maintain GIT repository, handling branching and release activities.
* Providing support to GIT related issues to developers
* Troubleshoot application issues by log verification.
* Worked on deployment of applications on web servers, such Apache and Apache Tomcat.
* Configuring Jenkins with GIT and scheduled jobs using Poll SCM option.
* Setup and configuring jobs in Jenkins for project builds.
* Built up CI/CD pipeline using Git, maven, Jenkins, Docker, kubernetes for applications in AWS using EKS.
* Designed and implemented automation deployment using Jenkins to promote major releases, monthly releases, and patches to preproduction environment.
* Involved in job scheduling for daily and nightly build activity using Jenkins.
* Building the source code using Maven and integrate same on Jenkins.
* Managing the slave nodes to execute the job and maintaining the internal project dependencies.
* Managing Shell scripts to automate deployment of war file into non-productions environments using Jenkins.
* Worked on containerization tool Docker to generate docker images for builds and push those images to dockerRegistry (ECR).
* Configuring the Docker containers by using Docker Images.
* Creating docker images by using docker file
* Creating docker images from containers.
* Tracking of all build related bugs using Jira.
* Tracking artifacts, build and deployment information on JFrogArtifactory.
* Deployment of application in to different environments using Ansible Playbooks.
* Worked on Multiple AWS Instances Set the Security Groups, Elastic Load Balancer and AMIs, Auto scaling to design Cost Effective, fault tolerant and highly available systems.
* Experience in creating cost effective cloud deployment solutions on AWS using EC2 container (ECS)
* Experience in designing cloud security VPC, Network Security, VPC peering, VPN, MFA and private disk encryptions.

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| PERSONAL INFORMATION: |  |

* Father's Name : Pramod KumarSahu
* Date of birth : 06.04.1991
* Languages Known : English, Hindi, Oriya (MT)
* Permanent Address : Lali Lane,Papaya Garden, House No-72, Munnekolala, Marathahalli,

Bangalore, Pin-560037

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

Place: Bangalore Rajat Kumar Sahu