**Bikram Kumar Malla**

**Mail id:bikram.km1995@gmail.com**

**Phone: 7978935694**

SUMMARY:

Having around 3.2 Years of experience in IT industry in implementation of DevOps in the field of Automation, Software Configuration Management and Cloud Services.

EXPERIENCE:

* Experience in building Continuous Integration (CI) & Continuous Deployment/Delivery (CD) pipeline as an iterative process using Jenkins.
* Configured Jenkins Master-Slave Architecture using Jenkins Nodes to build jobs in the view of distributing the load of Jenkins Master and achieved parallel builds.
* Knowledge on matrix based security in Jenkins to restrict the users of Jenkins at different levels.
* Successfully integrated Nexus Repository with Jenkins for artifacts storage and downloading artifacts for deploying it to applications and for testing.
* Successfully integrated Sonar Qube with Jenkins for Continuous Inspection of Code Quality.
* Expertise in Configuration Management Tool like Ansible and in writing Playbooks and creating Roles for Scalability and Reusability.
* Expertise in installing of Apache, http, Apache Tomcat and Nginx using Ansible Playbooks and configure these packages.
* Expertise in creating and maintaining the infrastructure on AWS.
* Expertise in AWS to manage and configure EC2 services such as EC2-instances, AMI, IAM, ELB, EBS, RDS, and S3.
* Expertise in managing AWS services like Auto Scaling and Cloud Watch for applications.
* Experience in configuring AWS Beanstalk for static web applications.
* Successfully integrated AWS Beanstalk with Jenkins for deployment of applications.
* Experience in creating highly available VPC for application with high security using NACL (Network Access Control List) and Security Groups.
* Hands on experience on Version Control Management tool like GIT.
* Hands on experience on Build Management tool like Maven.
* Automated the process of downloading artifacts from Nexus to CD pipeline using playbook in Ansible.
* Having good trouble shooting skills which helped in build, deployment infrastructure and network related issues.
* Hands on experience on Software Development Life Cycle (SDLC) processes.
* Hands on experience on Containerization tool like Docker.
* Hands on experience on Docker files to build the Docker Images.
* Knowledge on Kubernetes.
* Having excellent problem solving, time management skills, ability to work independent and under pressure and as a part of a team.
* Having Knowledge in **KAFKA** to build real-time streaming data pipelines and applications that adapt to the data streams.

PROFESSIONAL SKILLS:

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| --- | --- |
| Operating Systems | REDHAT, Windows , Ubuntu |
| Version Control Tool | Git |
| Build Management Tools | Maven |
| Application Servers | Apache, Apache Tomcat |
| Scripting Languages | Bash Script, python |
| Continuous Integration Tools | Jenkins |
| Configuration Management Tools | Ansible |
| Cloud Technology | AWS (Amazon Web Services) |
| Virtualization | Docker, Virtual box |
| Monitoring Tools | Cloud Watch |
| Software Repository Managers | Nexus, S3 |
| Code Analysis | Sonar Qube |

Professional Experience

▫Started working at Finzone Software solutions PVT LTD as DevOps Engineer from 2019 to till date.

**EDUCATIONAL QUALIFICATIONS:**

▫BSC in Computer science from Utkal University Bhubaneswar The year 2015- 2018

▫Intermediate (12th) from Board of CHSE –The year 2012

▫10th CBSE –The year 2010

**Project**: Banking Domain, Insurance, Telecom Domain

▫Actively interacted with an Enterprise company customer end-to-end Architecture Prepared and project delivered successfully.

▫Highly recommended multi- cloud infrastructure management **Rancher** with **Istio, Helm** to build **AWS EKS** micro services applications.

▫Designed an ideal approach for data movement from different sources to HDFS via Apache/Confluent **Kafka.**

▫Configured Name Spaces, Pods configured POD to POD Security with Istio Services.

▫Built micro-services application by using **AWS- EKS and NLB, ALB, Route53**, Firewalls has configured for externally user access as per customer required.

▫Monitoring level configured **Prometheus, Grafana, Kiali, Jaeger, calico**

▫Working as my Organization level multi- cloud portal implementing as part AWS DevOps API calls integrating.

▫Actively worked setup completed with native tools of AWS-DevOps

▫Used tools (Code- Commit, Code-Build, Code-Pipeline, and Code-start for Jira)

▫Aws-DevOps CI/CD setup handed over to Audit team. And containers as micro services application.

**Project**: KIA, MOTC, AT&T, NBA, Temenos Banking Applications.

▫Migration project 4500+applications and 50000 servers processed and optimized to Aws cloud

▫Implemented the AWS-DevOps project with multiple application management and auto- tested configuration.

▫Aws Repos, Boards, Pipelines, Test plans, Release Deploy, Notification are configured Automatic process happens.

▫Kubernetes Services and container registry.

▫AWS Key vault access management and roles assigning.

▫Pipe line trouble shooting and resolving the issues.

▫SSL certificate authentication creating and integrating with application.

▫Deploying the HA proxy through the pipelines.

**Personal Details:**

**Name -** Bikram Kumar Malla

**Fathers Name -** Uttam Kumar Malla

**Mothers Name -** Late. Soudamini Malla

**Present Address-** H/No- 283, Versa Villa, Shree Vihar, Patia, Bhubaneswar, Odisha

**Permanent Add –** H/No- 283, Versa Villa, Shree Vihar, Patia, Bhubaneswar, Odisha

**Marital Status -** Single/Never Married

**Languages Known -** English, Hindi, Odiya

**Hobbies -** Playing Cricket and listening Music

**Declaration:-**

I do here by declare that the above-mentioned information is true to the best of my knowledge.