**Resume**

**Nandha K**

**DevOps Engineer**

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***OBJECTIVE:***

• I would like to be in a position within an Organization that can utilize my abilities to their fullest which allows me an opportunity to continue to grow.

# SUMMARY OF QUALIFICATION AND EXPERIENCE

* 4+ Years of Experience in DevOps Engineer.
* Good work ethics with excellent communication and interpersonal skills.

***WORK EXPERIENCE:***

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| --- | --- | --- | --- | --- |
| **Organization** | **Location** | **From** | **To** | **Designation (Role)** |
| **Deloitte** | Bangalore | June 2020 | Present | DevOps Engineer |

# PROFESSIONAL EXPERIENCE

**Devops Engineer Jun 2019 to present**

*(Deloitte, Bangalore) ,*

Worked as Devops Engineer.

**Responsibilities:**

* Experience in creating/deleting repositories and branches, adding/deleting of users, organizations, teams, groups and protecting the code and branches in GitLab.
* Working knowledge on merging code lines in the GitLab and resolved all the conflicts raised during merging.
* Extensive experience in using MAVEN as build tools for building of deployable artifacts (jar, war & ear) from source code.
* Extensively worked on JENKINS by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End-to-End automation for all build and deployments.
* Worked extensively on monitoring and setting up new build jobs, plug-ins installations, distributed builds using master/slave and administration activities.
* Implemented CICD Pipeline process for build and deployment for all Lower Environments.
* Experience in Installing, Configuring & maintaining Apache Tomcat Servers.
* Experienced in build automation, Project Management tool as Maven.
* Hands on experience in Continuous Integration Tools such as Jenkins.
* Experience in building Continuous Integration (CI) & Continuous Deployment/Delivery (CD)pipeline as an iterative process using Jenkins.
* Experience to manage IAM users by creating new users, giving them a limited access as per needs, assign roles and policies to specific user.
* Actively worked on Docker and deploying and maintaining Micro services in Dev & QA environment.
* Experience on deploying micro services using Kubernetes.
* Experience on Kubernetes cluster setup and management both on premise and cloud.
* Experience on Writing a different Kubernetes Objects like Pod, Service, Ingress, Deployment, etc.
* Managed Docker containers using Kubernetes.
* Extensively worked with Scheduling, deploying, managing container replicas onto a node using Kubernetes.
* Working with Dev Team to write Dockerfile,configuring Jenkins job to use docker build,tag etc
* Implemented multibranch pipeline.
* Used ansible as configuration management tool, to automate repetitive tasks, quickly deploys critical applications, and proactively manage changes.
* Configuring, automating and deploying ansible for configuration management to existing infrastructure.
* Used Terraform to map more complex dependencies and identify network issue.
* Hands on experience on Terraform a tool for building, changing, and versioning infrastructure safely and efficiently.
* Worked with Terraform to create AWS components like EC2, IAM, VPC, ELB, Security groups, S3, EKS, etc.
* Extensively involved in infrastructure as code, execution plans and change automation using Terraform.
* Managed AWS infrastructure as code using Terraform.
* Written Templates for AWS infrastructure as a code using Terraform to build all environments.
* Developed Terraform code for a Kubernetes infrastructure build.
* Experienced to create and configure S3 bucket with required policy.
* Experienced on Setup and managed backup and recovery using AWS data backup (Snapshot, AMI creation) techniques within AWS.
* Experienced on Configure VPC Subnet, NAT gateway, Route Tables, ACL and Security groups
* Created users and groups using IAM and assigned individual policies to each group.

# SKILLS & EXPERTISE

|  |  |
| --- | --- |
| **Cloud Environment** | Amazon Web Services |
| **Infrastructure as a code** | Terraform |
| **Version Control Tool** | Git,GitLab, GitHub |
| **Build Tool** | Maven |
| **Continuous Integration Tool** | Jenkins |
| **Code Quality Tool** | SonarQube |
| **Artifactory Tool** | Nexus |
| **Web / App Server** | Apache Tomcat |
| **Operating Systems** | Windows, Red Hat Linux |
| **Containerization Tool** | Docker |
| **Container-orchestration Tool** | Kubernetes |
| **Configuration Management Tools** | Ansible |

# EDUCATION & QUALIFICATION

* **Bsc (Maths) from SVU Tirupati in 2017.**

***PERSONAL DETAILS:***

|  |  |
| --- | --- |
| Father’s Name | : Subbaiah K |
| Gender | : Male |
| Marital Status | : Unmarried |
| Languages Known | : Telugu , English |
| ***DECLARATION*** |  |

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

**DATE:** (**Nandha K**)