## MOHAN KUMAR

Contact No. :

Email id :   
LinkedIn :

**Career Objective**

To Settle myself in an immense professional position at prestigious MNC as a competent and dynamic professional by serving honestly in a distinguished and insightful ways across the high-growth environments in Cloud & production support, implementation, Configuring, Monitoring and Troubleshooting Windows, Hardware and implementation of AWS Cloud DevOps.

**Experience:**

**AWS Dev Ops Trainee/Intern**

Key Achievements and Responsibilities:

Project-1: Deployed Netflix clone application in AWS EKS

* Hands on experience with configuring AWS resources and services like EC2, VPC, EBS, ASG, ALB, EKS, IAM, S3 buckets.
* Configured and implemented EKS cluster to deploy the Pods from CI/CD pipelines with minimum node group of 2 nodes.
* Configured GitHub actions to run CI/CD by writing workflow file in Yml format by adding secrets and variable to secure sensitive information.
* Implemented the GitHub runners with Ec2 instance to run jobs on it.
* Attached IAM roles and policies to provide permissions.
* Writing Docker file with multi stage for application to build Docker image.
* Deployed into EKS cluster with namespace and configured ingress with DNS mapping to browse application on web.

Project-2: Deployed Gaming application in AWS EKS & Argo-CD

* Provisioned infrastructure in AWS Cloud by using Terraform scripts by configuring backend in s3 bucker with multiple environments
* Provisioned Ec2 to through terraform script to run Jenkins and SonarQube by providing file provisioners.
* Configured Jenkins Pipelines for application and IAC pipelines for application deployment and EKS cluster creation.
* Written Jenkins declarative script to run CI/CD to checkout code build and push image and scan
* Integrated SonarQube for static code analysis with quality gateway.
* Configured PV and PV and implemented on PODS
* Configured Argo CD for continues delivery to deploy application by connecting helm charts repo.
* Mapped Load Balancer to DNS for application to browse on web.

Project-3: Deployed 2-Tire Application on AWS cloud

* Created Private VPC and with two subnets with Public and Private.
* Implemented NAT Gateway for public access translations to Private subnet for outbound connections.
* Provisioned the Ec2 servers and Deployed the React JS application with web server tool nginx in it.
* Provisioned RDS MySQL server in private subnet to hold of application data in DB tables.
* Connected to MySQL via SSMS tool and configured some tables according to application data.
* Implemented the ASG at Web servers’ side with lunch template
* Monitored the server by using cloud watch.

**Technical Skills:**

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| --- | --- |
| Operating System’s | Linux, Windows |
| SCM Tools | GIT, GitHub GitLab |
| Scripting Languages | Shell Script |
| CI Tools | Jenkins, GitHub Actions, GitLab CI/CD |
| Build Tools | Maven, NPM |
| Configuration Management Tool | Ansible |
| Web/App Servers | Tomcat, Nginx |
| Cloud Providers | AWS |
| Container Orchestration Tool | Docker and Kubernetes, Argo CD Helm |
| Provisioning Tools | Terraform, Ansible |

**Education Details:**

B. Tech from JNTUH

**Personal Details:**

Father’s name : Shri Ram Prasad

Date of birth : 12/03/1982

Nationality : Indian

Language : English, Hindi

Gender : Male

Marital status : Married

**Declaration:**

* I believe in that all above statement are true and correct to the best of my knowledge.

**DATE:**

**PLACE: (Mohan Kumar)**