DIDIN PG

DevOps Engineer – Entry level

didingangadharpg@gmail.com   +91 7034180705   LinkedIn

PROFILE

Motivated and eager-to-learn fresher with a foundational understanding of AWS cloud services and DevOps practices. Passionate about automation, continuous integration, and infrastructure management, aiming to leverage technical expertise to streamline processes and enhance system efficiency. Seeking an opportunity in a dynamic organization to apply skills in cloud computing, problem-solving, and continuous improvement while fostering meaningful career growth and contributing to organizational success.

SKILLS

LINUX:

- Creating and management of files and directories.
- Creating and management of users and groups.
- Assigning access permissions for files and directories to users and group.
- Installing and managing Web Server. (Apache, Nginx).
- Partitioning of the Volume.
- Installation of packages using yum, apt.
- Monitoring system performance of Disk utilization and CPU utilization

AWS:

- Creating IAM Users, providing roles and policies to the user to access the cloud infrastructure
- Launching and configuring EC2 instance using AMI's. Creating and attaching Elastic IPto EC2 instance, launching a private instance and accessing database securely.
- Configuration of Elastic load balancers and auto scaling groups to distribute the traffic in a cost efficient, fault tolerant and highly available environment.
- Creating S3 bucket and uploading objects Creating lifecycle in S3, bucket versioning, Replication, creating server access logging for buckets, and hosting a static website from the S3 bucket.
- Creating VPC and Setting up/Managing VPC, Subnets, Route Tables, Internet gateway and NAT gateway.
- Auto-Scaling: Creating Auto scaling group as per requirement.
- Creating new EBS volume and attaching to EC2 Instance, creating file system and mounting the volume with instance permanently.
- Creating of Elastic File System and attaching to multiple instances
- Setting up and installing Cloud watch. Configuring alarms for CPU utilization
- Configuring eventnotification using Event Bridge. Monitoring health Checks for instances.
- Track activity in cloud environment using a Cloud Trail to find out the logs performed in AWS.

DEVOPS:

- Implemented CI/CD pipeline using Jenkins, GitHub, Maven, SonarQube, Docker, Kubernetes, Prometheus and Grafana
- Provisioning AWS cloud infrastructure using Terraform and configuring them using Ansible

PROJECTS

MAIN PROJECT - FARMNET

- Web Application of Farmers can sell or buy their tools or equipment's, machines to other farmers with their fare price and other farmers, mill can search for their required items for a fair price and they can contact the seller to buy their items. This system makes everything lot easier than existing system.

Implemented Three Tier Architecture – AWS

- Implemented a three tier Architecture that highly available and scalable using various AWS services. AWS Components involved: VPC, ASG, Route53, ELB, EC2, S3, Bastion Host.

Jenkins CI/CD Pipeline – AWS

- Implemented a Jenkins CI/CD Pipeline using GitHub, SonarQube, Docker. As part of Pipeline, I have implemented various stages such as Build, Unit testing, Statis code analysis, Creation of Docker images and deploying it using Jenkins

PROFESSIONAL CERTIFICATES

- **Certification of Linux Training** | (**Besant technology**, Bengaluru)
- **Certification of AWS Training** | (**Besant technology**, Bengaluru)
- **Certification of DevOps Training** | (**Besant technology**, Bengaluru)

EDUCATION

Bachelor of Computer Application Calicut University	Mark percentage= 64.17%	(2024)
Higher Secondary BEMHSS Palakkad	Mark Percentage= 75%	(2021)
High School BEMHSS Palakkad	Mark Percentage=82%	(2019)

PERSONAL INFORMATION

D. O. B   : 10-NOV-2003
Gender   : Male
Marital Status   : Single
Address   : Parachirikkad (h.o), Kalapetty(p.o), Palakkad,
                   Kerala 678702

DECLARATION

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

Palakkad   DIDIN PG