



Akash Dakave

AWS DevOps Engineer



Professional Summary

2 Years of Experience in **AWS cloud and DevOps**. Hands on experience on AWS services like **EC2, S3, RDS, Auto scaling, ELB, VPC, IAM, Cloud Front, Cloud Trail, S3, Route 53, Cloud Watch, SNS**. Have hands on experience in **CI/CD DevOps Automation, GIT and GITHUB**. Good Hands-on experience **Jenkins CI/CD Pipeline**. Good Knowledge with **Ansible**. **EC2** – launched various types of instances such as t2.micro, t3.medium etc. created **security groups, created AMIs**, worked on **EBS and EBS snapshots** etc. **VPC**- created own Virtual network with provided **CIDR block**, created **Subnets, NAT gateways, Internet gateways**, also worked on **VPC peering**. Worked on **Application and Network load balancers**, created target groups, configured targets. Added load balancer setup under **Auto scaling** and applied auto scaling policies to make sure 100% availability of the ENV. Worked on **GIT** and **GIT HUB**, created branches, GitHub access management. Worked on management of multiple project **repositories, branches, tags** etc. Also worked on **RDS database service**. Worked on **Maven** tool for compilation of source code. Worked on **Docker containers**, deployed application on docker container with the help of Jenkins. Worked on **Ansible** for configuration management. Have complete knowledge regarding **S3** buckets as well as AWS CLI with regards to S3.



Contact

Address

Pune, India 411057

Phone

+91 9518317893

E-mail

akashdakave14@gmail.com

LinkedIn

<https://www.linkedin.com/in/akash-dakave-b52616169>

WWW

<https://akashdakave.online>



Competencies

Cloud services - EC2, IAM, VPC, S3, SNS, Route 53, CloudFront, RDS, SES, SQS, Amazon Event Bridge

Operating Systems -

Windows, Linux, Ubuntu

Monitoring - Cloud Watch, Cloud Trail

Version Control Tools - Git, GitHub

CI/CD tool - Jenkins

Configuration Management - Ansible

Database - RDS (MySQL)

Containerization - Docker, Kubernetes

Worked on **S3 bucket replication** and also **S3 bucket lifecycle** to make sure data lifecycle is optimal.

Managed user access with **IAM**, created various **groups**, used various **AWS policies** for granular access. Also worked on creating roles to manage project specific tasks.

Plan and execute **cloud migration** projects to move on-premise systems to the cloud environment.

Complete hands-on experience with **Cloud Watch**, done application log monitoring as well as EC2 health monitoring, created own dashboards for better view.

Used **Route 53** for DNS management, traffic management, and health checks.



Carrier Objectives

I am seeking a dynamic role in an organization fostering professional growth, led by adept leaders in Cloud and DevOps technologies. Eager to contribute expertise in AWS services, including EC2, VPC, RDS, S3, IAM, Route 53, and proficiency in CI/CD tools. Demonstrating a passion for continuous learning and adaptability to emerging technologies. Committed to maintaining a robust work ethic and delivering excellence in all undertaken projects.



Work History

DevOps Engineer

Twins Cloud Pvt Ltd, Lucknow

Project

Project Name – Cloud Base ERP System

Client Name - Lucknow Public School & College

Description

A cloud Based ERP system where multiple numbers of data sets are present where Students data & Invoices generated for sales, purchase etc. Real time integration with Students data and Institute level data which basically help out to move toward analytics and structured database of



Languages

English
Hindi
Marathi



Education

Bachelor of Engineering

Shivaji University –
Kolhapur, Maharashtra



Certification

**AWS Solution Architect –
ASSOCIATE**



Interests

Football, Cricket, Hockey,
Music



Personal Information

Date of Birth
03/31/1995

2022-10 -
Current

Institute. Through that cloud-based system it helps us in reducing the cost in development and services provided to client side is efficient so that they can access their ERP from mobile, Tab and desktop.

Roles and Responsibilities

- Worked on daily builds and deployments on DEV, QA and UAT Environment.
- Making sure Environments are up and running for testing purpose.
- Creating and maintaining AWS Infra.
- Creating Jenkins CI/CD pipeline for all Branches.
- Source code management of both development team and also for QA framework in GIT.
- Providing access to users.
- Creating and Maintaining EC2 machines, creating AML, EBS snapshots.
- Setting up Application Load balancer for QA env.
- Infrastructure monitoring with help of CloudWatch and CloudWatch logs.
- Setting up SNS topics for Email.
- Setting up DNS for UAT Environments using Route 53.
- Copying server logs onto S3 for backup, also maintaining S3 data lifecycle.
- Using CloudFront for low latency URLs.
- Creating IAM groups, roles and policies.
- Creating CloudTrail for monitoring user activity for compliance purpose.
- Creating MySQL DB in RDS and also maintaining its backups, read-replicas.
- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance
- Collaborated with team to analyze system solutions based on client requirements.

2022-04 -
2022-10

AWS Cloud Engineer

Twins Cloud Pvt Ltd, Lucknow

Roles and Responsibilities

- Designed and implemented cloud architectures for various projects, ensuring scalability, availability, and security.
- Creating Databases also monitoring and performing backups and recoveries to maintain data integrity and availability.
- Managed DNS services using Route 53 and implemented changes as required.
- Utilized AWS EC2 instances for launching and managing servers, ensuring smooth operation and efficient resource utilization.
- Implemented Lambda functions for cron jobs, automating recurring tasks and improving operational efficiency.
- Created IAM users and provided service access based on their requirements by defining IAM roles.
- VPC- created own Virtual network with provided CIDR block, created subnets, NAT gateways, internet gateways etc. Worked on VPC peering.
- Cross zone AMI and EBS snapshot sharing
- Configured S3 for storing backups and data logs, ensuring data integrity and availability.
- Utilized CloudWatch agent for monitoring server performance and generating actionable insights.
- Monitored account-level activities using CloudTrail, ensuring compliance and security.
- Created databases using Amazon RDS service, optimizing performance and ensuring data integrity.
- Implemented Load balancers and Auto-scaling to ensure seamless operation and efficient resource allocation.
- Monitored costs and optimized cloud deployment expenses against business needs