



Bengaluru / India

Avinash GH

(AWS/DevOps)

Over Four years of professional experience in AWS & DevOps. Design, build, highly scalable and resilient cloud-based applications on public clouds. Develop deep expertise with Amazon Web Services and Alibaba Cloud platform. Knowledgeable in the tools and techniques necessary to design and deploy using a DevOps approach. Positive attitude towards work, passion for learning new technologies everytime, Ability to think and deliver product or solutions in timely manner along with invariably meeting client or organizational expectations.

SKILLS

- Hands on experience in AWS provisioning and good knowledge of AWS services like EC2, S3, ELB, RDS, IAM, Lambda, Route 53, VPC, Auto scaling, Cloud Watch, Cloud Trail, Security Groups, WAF.
- Well versed with deadline pressures, superior analytical, time - management, collaboration, communication and problem-solving skills.
- Skilled in monitoring servers using Nagios, Prometheus, Cloud watch, Created tagging standards for proper identification and ownership of EC2 instances and other AWS resources.
- Worked with IAM service creating new IAM users & groups, defining roles and policies and Identity providers.
- Experience with Version Control Systems like GIT.
- Configured and Deployed application packages on to the Apache Tomcat server. Coordinated with software development teams and QA teams.
- Focused on containerization and immutable infrastructure. Docker has been core to this experience, along with Kubernetes.
- Used Kubernetes to deploy scale, load balance, scale and manage docker containers with multiple namespace versions.
- Created and managed a Docker deployment pipeline for custom application images in the cloud using Bamboo.
- Ability to quickly understand, learn and implement the new system design, data models in a professional work environment.

TECHNICAL SKILLS

Cloud/Virtualization Technologies: Amazon Web Services (AWS), Alibaba Cloud

Version Control Tools: GIT

Databases: MYSQL

CI Tools: Bamboo

Web/ Application Servers: Apache Tomcat, Nginx

Operating Systems: Windows Family, Ubuntu, CentOS



Monitoring Tools: Nagios, Prometheus & grafana

Containerization Platform: Docker, Kubernetes

EMPLOYMENT

SEP, 2021 - CURRENT

AWS ADMINISTRATOR –Vibrant Info

RESPONSIBILITIES:

- Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.
- Responsible for Design of different Release Environments for new projects and monitoring.
- Responsible for databases (MySQL,) creating users, performing dump/restore and taking automated snapshots.
- Implemented domain name service (DNS) through Route 53 to have highly available and scalable applications.
- Created a lambda function to automate EC2 at certain Intervals.
- Worked on Cloud Watch to run lambda functions.
- Strong work ethic with good Interpersonal and Organizational skills.
- Ability to work under minimal supervision and guidance.

ENVIRONMENT:

AWS EC2, VPC, IAM, ELB, Nginx, Apache, Cloud Watch, Route 53.

DEC, '20' - JUL, '21'

AWS & DEVOPS ENGINEER - Bluepi Pvt Ltd

RESPONSIBILITIES:

- Have experience of working with Docker- docker hub, pulling images from docker hub, running containers based on an image, creating Dockerfile to manage customized containers, exposing a container with port redirect, container volume management, docker inspect, docker commit to capture the file changes/settings into a new image and pushing the image to docker hub
- Experience in designing and deploying AWS Solutions using EC2, S3, and EBS, Elastic Load balancer (ELB), auto-scaling groups and OpsWorks
- Deploy and monitor scalable infrastructure on Amazon web services (AWS)
- Implemented VPC peering connection to access the entire CIDR block of the peer VPC without any restriction.
- Used the version control system GIT to access the repositories and used in coordinating with CI tools
- Worked on creating the Docker containers and Docker consoles for managing the application life cycle.
- Working on source control tools like GIT.
- Experience with Nagios/ NewRelic monitoring and alerting services for servers, switches, applications and services.
- Worked closely with developers and managers to resolve the issues that were risen during the deployments in different environments.

**ENVIRONMENT:**

Alibaba Cloud, AWS EC2, IAM, VPC, Route 53, AWF, ELB, Auto scaling, GIT, Bamboo, Docker, Kubernetes, Nagios, Nginx, Prometheus & grafana, MYSQL.

JUN, '17' - JUL, '19'

CLOUD PROCESS ANALYST – FNF Pvt Ltd**RESPONSIBILITIES:**

- Build instances and configure them as per requirements.
- Built S3 buckets and managed policies for S3 buckets and used S3 bucket and glacier for storage and backup on AWS.
- Created detailed AWS Security groups which behaved as virtual firewalls that controlled the traffic allowed to reach one or more AWS EC2 instances.
- Created support case with AWS for any critical issues and follow-up.
- Created a lambda function to automate EC2 at certain Intervals.
- Knowledge on GIT and Jenkins Continuous Integration of Server– Installation, Configuration, Design and Administration, and integrating these tools with other systems.
- Configured and scheduled the scripts to automate the module installation in the environment.
- Responsible for managing infrastructure provisioning (S3, ELB, EC2, RDS, Route 53, IAM, security groups - CIDR's, VPC, NAT) and deployment and EC2 Installs with CentOS, Ubuntu and RHEL 6 and Scientific Linux.
- Experience working with version control systems like Subversion, GIT and used Source code management tools GitHub, GitLab,

ENVIRONMENT:

Apache, Nginx, GIT, Cloud Watch, ELB, Cloud Front, IAM, MYSQL, EC2, VPC.

EDUCATION

2012 – 2016

BACHELOR OF ENGINEERING

(Sai ram college of Engineering, Bangalore)

2010 – 2012

PRE-UNIVERSITY

(SSMRV College, Bangalore)

**TRAINING &
CERTIFICATIONS**

2017

Completed AWS & DevOps Training from ECare Technologies

2021

AWS Certified SysOps Administrator - Associate