



Uday Sagar

AWS DevOps Engineer 3 years relevant experience

Current Designation: AWS DevOps Engineer

Current Company: IBM

Current Location: Bengaluru / Bangalore

Pref. Location: Bengaluru / Bangalore, Chennai, Hyderabad

Functional Area: IT Software - Application Programming / Maintenance

Role: System Admin

Industry: IT-Software/Software Services

Marital Status: Married

Key Skills: AWS DevOps Engineer, System Admin, Software Configuration Management, Build Management, Release Management, Continuous Integration, Backup & Recovery, Cloud Watch, Amazon Web Services, Shell Scripting, JSON, Ansible, Jenkins, GIT, GIT Hub, Tomcat, Nagios

Verified : Phone Number | Email - id

Total Experience: 5 Year(s) 4 Month(s)

Notice Period: Currently Serving Notice Period

Highest Degree: B.Tech/B.E. [Electronics/Telecommunication]

Last Active: 22-Jan-21

Last Modified: 22-Jan-21

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Summary

IT Professional with 6+ Years of Experience, Skilled at operating in a wide range of platforms as Linux Administrator, AWS Cloud/DevOps Engineer and websphere Administrator. Familiar With Amazon AWS Cloud Administration which includes services like: EC2, S3, EBS, VPC, ELB, AMI, SNS, RDS, IAM, Route 53, Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, Security Groups. Managing AWS instances via monitoring tool and action the alerts accordingly. Providing assistance on setting the AWS environment and also providing support on adding ports to security groups and NACLs to VPC. Strong Experience in Amazon EC2 setting up instances, VPCs, and security groups. Setting up databases in AWS using RDS, storage using S3 buckets and configuring instance backups to S3 bucket.

Work Experience

IBM as AWS DevOps Engineer
Jul 2015 to Till Date

Responsibilities

Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, Elastic Load-balancers, Elastic Container Service, S3, Elastic Beanstalk, Cloud Front, Elastic File system, VPC, Route53, Cloud Watch, Cloud Trail, Cloud Formation, IAM.

Defined AWS Security Groups which acted as virtual firewalls that controlled the traffic allowed reaching one or more AWS EC2 instances.

Working as Cloud engineer maintenance and monitoring various day-to-day operations.

Configure Elastic Load Balancer (ELB) for distribution incoming application traffic across multiple EC2 instances.

Creating AMIs, Snapshots, Volumes and managing EBS Volumes.

Creating Elastic IPs attaching and detaching to instances as per client request.

Configuring Load balancer and Auto Scaling group. Configuration monitoring for AWS in Cloud Watch. Scale in and out using Autoscale, add and remove instances as needed to handle the growing workload.

Configure scalable storage and archive storage (Glacier) in the cloud.

Creating folders in S3 Bucket and uploading images and files and maintain the buckets and folder permissions.

Creating S3 buckets and also managing policies for S3 buckets and Utilized S3 bucket and Glacier for storage and backup on AWS.

Configure the Content Delivery Network (CDN) CloudFront using S3 Bucket to improve the site performance.

User Administration and management like add/change/delete maintain user's level security.

Configure and maintain the Users and Groups policies and permissions in IAM.

Enterprise and Premium support for EC2 infrastructure, worked closely with EC2 infrastructure teams to troubleshoot complex issues.

Working on Multiple AWS instances, set the security groups, Elastic Load Balancer and AMIs, Auto scaling to design cost effective, fault tolerant and highly available systems.

Setup/Managing Databases on Amazon RDS. Monitoring servers through Amazon Cloud Watch, SNS

Develop Cloud Formation scripts to automate EC2 instances. Created CloudFormation templates and deployed AWS



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Developed cloud formation scripts to automate AWS infrastructure. Created cloud formation templates and deployed AWS resources using it.

Created alarms in Cloud watch service for monitoring the server performance.

Acknowledging the tickets in remedy and completing the builds and deploying to the QA box from my end and assigning it to the QA for checkouts and testing, DBA, Network team for further steps.

Worked with scripting language like Shell Scripting, and Ruby.

Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud Watch.

Managed multiple AWS accounts with multiple VPC's for both production and non-prod where primary objectives included automation, build out, integration and cost control.

Handled Major Incidents along with P1, P2,P3 & P4 Priority Cases. Monitoring tools like Nagios.

Worked with puppet enterprise Hosted as well as on-premises Installed Workstation, bootstrapped nodes, wrote manifests and uploaded them to puppet server.

Developed puppet Manifests to manage systems configuration.

Experience in DevOps Engineering in automating, building and deploying of code with in different environments (Dev, QA, and Prod).

Supported development sprints by automating instance provisioning using cloud formation and code deployments using puppet, Jenkins, Git hub.

Installed administered and configured Jenkins Continuous Integration tool.

Implemented Nagios monitoring tool and added AWS EC2 hosts on the entire cloud datacenter.

Day to day administration of the Development environment and Production and Test environment systems. 24x7 on-call support.

As a Linux administrator, was involved in providing operational support to clients

Account management for work place environment users. Setting up user accounts; assign privileges, and user permissions

Working with file systems like NFS, FTP

Installations and of apache web servers.

Setting up of crontab jobs for scheduling few tasks.

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Education

UG: **B.Tech/B.E (Electronics/Telecommunication)** from **Anna University** in **2011**

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IT Skills

Skill Name	Version	Last Used	Experience
AMAZON Web Services			
AWS CLI			
Linux (Red Hat 4/5/6)			
Windows NT, 2008/2012			
Shell Scripting, JSON			
Ansible			
Jenkins			
GIT, GIT Hub			
Tomcat			
NAGIOS			

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Languages Known

Language	Proficiency	Read	Write	Speak
English	Proficient	✓	✓	✓
Tamil	Beginner			✓
Telugu	Proficient	✓	✓	✓
Kannada	Beginner			✓

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Affirmative Action

Category: **General**
Physically Challenged: **No**

Work Authorization

Job Type: **Permanent**
Employment Status: **Full time**

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