

Vineet Kumar



Profile

With over 11 years of diversified experience in the IT sector, I specialize in integrating cutting-edge DevOps methodologies with cloud infrastructure to deliver high-performance, seamless solutions. I am adept at utilizing tools such as Kubernetes, Terraform, and automation scripts to streamline operations and enhance system reliability. My experience includes ensuring compliance with SOC 2 and HIPAA standards, delivering secure and compliant solutions. My goal is to deliver optimal results that align with business objectives, ensuring continuous delivery and superior system efficiency in any enterprise environment.

Education

B Tech

JPIET (GBTU), Meerut
ECE

Feb 2009 - May 2013

SSC

RSK Inter college, Hapur
PCM

Feb 2006 - Mar 2007

HSC

RSK Inter College, Hapur
PCM

Apr 2007 - May 2009

Skills

AWS Cloud Architecture

Kubernetes Management

Infrastructure Automation with
Terraform

Secret Management with Vault

Monitoring on AWS, GCP, and Azure

Python & Shell Scripting

SLA & Ticket Resolution

Automation of Infrastructure with
Ansible and PowerShell DSC

Git and Version Control

Windows and Linux Server Patching

Client Requirement Gathering

Liferay Cluster Management

Microservice Deployment

Unit Testing with Terratest

Employment

Lead DevOps Engineer

Engminds Pvt. Ltd

Jan 2023 - Present

- Deliver cloud architecture solutions to successfully meet the strategic needs of the company and assist in modernizing efforts by planning
- Managing Kubernetes clusters, responsible for monitoring, HA and scalability.
- Implementation of solutions for automating responses to health alerts of various applications and security appliances.
- Responsible for application Build & Release process which includes Code Compilation, Packaging, Security Scanning and code quality scanning, Deployment Methodology and Application Configurations.
- Deployment on Kubernetes with Helm
- Infrastructure automation with Terraform
- Unit testing of infrastructure with Terratest & TF lint
- Policy as code with Hashicorp Sentinel
- Manage vault for secret management
- Managing Liferay cluster & Data pipelines
- Monitoring of all environments on AWS, GCP & Azure clusters
- Automation of entire infrastructure using terraform and configuration management tools such as ansible and powershell dsc.
- Design CI-CD pipeline for Java, Angular and python applications.
- Responsible for build automation, deployment using various tools.
- Automation with python & shell scripts.
- Micro service deployment.

AWS Operation Engineer

May 2022 - Dec 2023

Secret Management with Vault

Application Build & Release Process

Helm for Kubernetes Deployment

Site Reliability Engineering

Application Build & Release Process

High Availability and Scalability
Management

Control Tower for Landing Zone
Setup

Languages

English

Hindi

Hobbies

■ Reading Technology Blogs

■ Playing Chess

■ Gardening

■ Cooking

■ Music

■ Traveling

Rahi Systems

- Providing the support 24/7.
- Setup infrastructure for Landing Zone Account with the help of Control Tower
- Migrate server from Region to Region
- Troubleshooting for any issue come regarding any services from Aws Infrastructure
- Meetings with clients for the purpose of requirement gathering or any modifications
- Providing relevant access to right user with right resource.
- Resolving SLA & Tickets as per priority Bases.
- Patching of Windows and Linux Servers by Ivanti
- Check Monitoring tools' emails for any alerts and open tickets accordingly for working
- Creating and Troubleshooting Amazon Workspace and setup on end user side
- Creating and launching EC2 instances using AMI's of windows and Linux in AWS for development and production environment
- Analysis of the EC2 instances resource utilization recommendation for scale Up/down to reduce the resource cost
- Windows EC2 instance upgrade from 2012 to 2019.
- Linux EC2 Instance upgrade Red hat 7.9 to 8.6 Using Le app.
- Elastic Block Storage (EBS) addition/deletion/expansion to EC2 instances as per application requirement.
- Create AMI's and volume snapshots, Detach and attach volumes on EC2 instances.
- Configuration and troubleshooting Load Balancer and Target group
- Create S3 bucket in the AWS environment to store files.
- Regularly Backup to S3 Backup and check by cloud berry tool
- Manage Users and group and their permissions, Setup MFA in AWS using IAM (Identity and Access Management).
- Monitoring all SAP Production and Non-Production Servers by AppDynamics Tool
- Monitoring whole AWS landscape by Logic Monitor Tool

Cloud Server Engineer

May 2021 - May 2022

Cinntra InfoTech Pvt. Ltd.

- Providing the support 24/7.
- Setup infrastructure for Landing Zone Account with the help of Control Tower
- Migrate server from Region to Region
- Troubleshooting for any issue come regarding any services from Aws Infrastructure
- Meetings with clients for the purpose of requirement gathering or any modifications
- Providing relevant access to right user with right resource.
- Resolving SLA & Tickets as per priority Bases.
- Patching of Windows and Linux Servers by Ivanti
- Check Monitoring tools' emails for any alerts and open tickets accordingly for working
- Create and Troubleshooting FSx File System for Windows Server and configure with Windows Servers
- Creating and Troubleshooting Amazon Workspace and setup on end user side
- Analysis of the EC2 instances resource utilization recommendation for scale Up/down to reduce the resource cost
- Elastic Block Storage (EBS) addition/deletion/expansion to EC2 instances as

per application requirement.

- Create AMI's and volume snapshots, Detach and attach volumes on EC2 instances.
- Configuration and troubleshooting Load Balancer and Target group
- Create S3 bucket in the AWS environment to store files.
- Provide the permission to user of S3 as per requirement
- Regularly Backup to S3 Backup and check by cloud berry tool
- Manage Users and group and their permissions, Setup MFA in AWS using IAM (Identity and Access Management).
- Allow traffic for required servers by Security groups, network ACL's. internet gateways and route tables to ensure a secure zone for organization in AWS public cloud.
- OS Level Task Perform
- Creation of files and directories in Linux OS
- Creating users and groups.
- Assigning access permissions for files and directories to users and group.
- Installation of packages.
- Monitoring system Performance of Disk utilization and CPU utilisation

AWS cloud Engineer

Jun 2014 - Apr 2021

Cogniscent Business Solutions Pvt. Ltd

- Managing AWS EC2 Instances, Launch EC2 Instance, Light sail, Snapshots, Application and Network Load Balancer and Auto Scaling, ACM
- Hands On Experienced in Migration Services based on Region to Region and On premises to Cloud
- Employed IAM to create & control AWS users & Groups access to AWS services and resources
- Setup and Managing AWS networking and routing technologies (VPC environment & Site to Site VPN to Communication between On Premise and AWS VPC Network
- Managing the Security groups, NACL, NAT Gateway, Peering Connection
- Installing , Configure and Managing the Server 2008, Server 2016, Server 2019 and Windows Client OS Family
- Managing Active Directory Users & Groups, Deploy Group Policy, Manage Domain Controller and Join Client to Domain,
- Maintain the Backup & restoration with Windows Server Backup Utility, NAS Storage Device,
- Managing Linux Ubuntu, Installing OS and application software, SSH, NFS, SAMBA Server , User and Group Management , Folder and File Permission
- Configure, Update & Managing Switches & Patch Panel, Wi-Fi Routers, LAN & WAN network

Achievements

- Delivered cloud architecture solutions that aligned with the company's strategic needs, aiding in modernization efforts.

Certificates

AWS

- AWS Certified Solutions Architect Associate.
- AWS Certified Solutions Architect Professional.