• Provisioned AWS resources using management console as well as Command Line Interface.  
• Planned, built and configured network infrastructure within VPC with public and private subnets, configure routing tables, security group and internet gateway.  
• Configured NACL, Security Groups and WAF to secure the application and VPC network depending on access parameters provided and conditions.  
• Automated and provisioned cloud infrastructure using CloudFormation, terraform; and also, configured and deployed using Terraform and Ansible.  
• CI/CD pipeline management through Jenkins. Version control through GIT.  
• Leveraged AWS cloud services such as EC2, auto-scaling and VPC to build secure, highly scalable and flexible systems that handle expected and unexpected load bursts.  
• Created and managed IAM user accounts and role-based policies for access to AWS services.  
• Implemented and maintained monitors, alarms, and notifications for EC2 instances using CloudWatch and SNS.  
• Performed S3 buckets creation, access policies, and archived outdated data to Glacier through Lifecycle Policy configuration.  
• Created a low latency website using S3, CloudFront, and Route53.  
• Implemented compliance with CIS Benchmark on AWS environment  
• Used Kinesis to pull Data from Social media and Websites, analyze and store in S3 buckets  
• Created and managed users, permissions, directories and files in Linux environment.  
• Set up Ansible environment for configuration management, DynamoDB and Lambda.  
• Enforced company’s policies and procedures during design.  
• Setup storage for infrastructures in the AWS cloud using server-side encryption Key Managed Service (SSE-KMS).  
• Defined and deploying monitoring metrics, and logging systems on AWS environments. Application and system log analysis using CloudWatch, CloudTrail.  
• Designed, developed and implemented high availability, backup and recovery strategy for applications and database.  
• Scripting in Python, JSON, YAML, SQL

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• Create and manage IAM user accounts and role-based policies for access to AWS services.  
• Implemented and maintain monitors, alarms, and notifications for EC2 instances using CloudWatch and SNS.  
• Provision AWS resources using management console as well as Command Line Interface.  
• Created scripts in Python which integrated with Amazon API to control instance operations.  
• Implemented the Extraction, Transformation and Loading of Large Datasets with AWS Glue  
• Used Shell scripts and bash to make API calls to generate data reports in AWS environment  
• Automated the ingestion of Server metrics into redshift table in python  
• Built external Dashboard in Tableau to visualize resources performance for executive view  
• General Cloud and infrastructure operation and maintenance  
• Weekly tag compliance reporting in AWS config (Scripted)  
• Used Shell scripts and bash to make API calls in order to generate data reports in AWS environment  
• Set up and built AWS infrastructure with various services available by writing cloud formation templates.  
• Plan, build and configure network infrastructure within VPC with public and private subnets, configure routing tables, security group and internet gateway.  
• Migrated the production MYSQL DB to new AWS RDS Aurora instance  
• Configuring NACL, Security Groups and WAF to secure the application and VPC network depending on access parameters provided and conditions.  
• Automate provisioning of cloud infrastructure using CloudFormation

