**Sharanya Kommineni**

**sharanyakmv@gmail.com**

**+1 815-575-8466**

**Professional Summary:**

Around **7 years** of IT experience in salesforce & Cloud Technology, Comprehensive technical skill, Develop & manages the AWS cloud database for running virtual applications.

* Experience in utilizing AWS Storage Gateways, performed huge amount of Data Migration to AWS S3. Also, Configured AWS IAM and Security Group in Public and Private Subnets in VPC.
* Worked with different AWS Services; **EC2, IAM, S3, Route53, ALB’s, Lambda, API Gateway, ECR, AWS batch,** Secrets Manager, Amazon Aurora, CloudWatch, File Gateway for both Serverless and Server-based applications.
* Experience with Amazon EKS. Hands on experience of **EC2, VPC, S3, EBS, ELB, Cloud-Front, IAM, RDS, Cloud Watch.**
* Passionate about technology and always have a constant endeavor to keep myself updated with the latest developments in technologies in which I have worked already & also in areas where I might be a complete noob. 90%+ of my skill sets and knowledge comes from self-learning activities.
* Ability to work independently, adaptable in changing environments, quick learner, leadership skills and a good team player. Strong communication & interpersonal skills. Proven experience to deliver the quality of work on schedule and meet customer expectations.
* Experience in Server infrastructure development on AWS Cloud, extensive usage of Virtual Private **Cloud (VPC), Cloud Formation JSON template, CloudFront, ElastiCache, Redshift, SNS, SQS, IAM, EBS, ELK, Auto Scaling, DynamoDB, Route53, and Cloud Trail.**
* Enthusiastic Cloud Engineer eager to contribute to team success through hard work, attention to detail and excellent organizational skills.
* Motivated to learn, grow, and excel in the technology field.
* Demonstrated ability to implement robust, effective, and high-quality solutions.
* Worked on creating Jenkins File for various Jenkins jobs using groovy script via DSL (domain specific language) to use them as various workflow scripts for defining CI/CD.

**Technical Proficiencies:**

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| --- | --- |
| **Technologies & Languages** | C, HTML, JavaScript, Python, JSON |
| **CRM Products** | Salesforce |
| **Cloud** | AWS, Salesforce |
| **DevOps tools** | Docker, Jenkins, Puppet |
| **Tools** | CloudFormation, JIRA, opsworks, Chef |
| **Version Control** | Git Hub, AWS code commit |
| **Database** | MySQL, MongoDB, Oracle, Postgres SQL |
| **Operating Systems** | Windows**,** Linux |
| **Project** | MS Project, Jira |

**Education And Certification:**

* Bachelor of Technology in Electronics and communications in 2009 from Jawaharlal Nehru Technological University (JNTU).
* AWS Certified Cloud Practitioner.

**Professional Experience:**

**Master Card, O’Fallon, MO Jul 2022 – Present**

**Role: AWS Engineer // Remote**

**Responsibilities**:

* Responsible for design, implementation, and operational support for Cloud-based infrastructure solutions.
* Used orchestration tools like **Cloud Formation (CFT), Terraform, and Jenkins Pipeline for managing the AWS infrastructure.**
* Automated deployment and configuration of AWS resources using CFT and Terraform scripts, including **EC2, RDS, VPC, IAM, ELB, Cloud Watch, and Route53.**
* Utilized various AWS services such as **Kinesis, Glue, Lambda, and Step Functions to load data into S3.**
* Secured AWS resources using **VPC, security groups, network ACLs, internet gateways, and route tables.**
* Implemented CI/CD processes using Cloud Formation and terraform templates.
* Configured **AWS load balancing** and auto scaling solutions to distribute traffic and improve availability.
* Created S3 buckets for data storage in **AWS cloud** and managed bucket policies and lifecycle policies.
* Worked on Lambda functions that aggregate the data from incoming events, and store the data in **DynamoDB**.
* Created and maintained EC2 instances using various AMIs like Amazon Linux 2, Ubuntu, and Windows.
* Expert in **AWS IAM,** with experience in creating roles, users, and groups. Proficient in MFA for strong AWS security.
* Working with Jenkins for continuous integration and for End-to-End automation for all build and deployment.
* Collaborated with application teams and product managers to understand on-premises architecture, and designed and proposed AWS cloud solutions.
* Managed AWS cloud computing using the **AWS console, Command Line Interface (CLI),** and SDKs for Python.
* Worked on AWS Elastic Beanstalk for fast deploying of various applications developed with Java, PHP, Node.js, Python and Docker.
* Experienced in using EBS to store data and ability to create, attach, detach, and manage EBS volumes.
* Experienced in using Ansible to automate IT tasks like configuration management, application deployment, cloud provisioning.
* Performed branching, tagging, and release activities on version control tools, including SVN and Git.
* Written Templates for AWS infrastructure as a code using Terraform to build staging and production environments.

**Environment**: AWS S3, EC2, EBS, Elastic Load balancer (ELB), Auto Scaling groups, VPC, IAM, Cloud Watch, Glacier, Dynamo DB, Lambda, Ops works, shell scripts, GIT, Docker, Jenkins, Terraform, Ansible, Python, Kubernetes, Windows, and Linux environment.

**Deutsche Bank, New York, NY Jan 2020 – Jun 2022**

**Role: AWS Engineer**

**Responsibilities:**

* Provisioned and managed AWS services like **EC2, S3, Glacier, ELB (Load Balancers), RDS, SNS, SQS, and EBS etc.**
* Developed and deployed AWS infrastructure using Cloud Formation templates in both JSON and YAML formats.
* Created and managed **S3 buckets in the AWS cloud**, including setting up bucket policies and lifecycle policies.
* Used Amazon **Glacier** to store and retrieve large amounts of data for data archiving and long-term backup.
* Launched and managed **Amazon Elastic Compute Cloud (EC2**) instances using **Amazon Machine Images (AMIs).**
* Configured and maintained AWS ELB and auto scaling solutions to distribute traffic and improve availability.
* Administered and managed AWS cloud computing using the **AWS console, command-line interface (CLI),** and SDKs.
* Created and configured AWS Lambda functions to run Python scripts and Java code for event-driven processing.
* Created and configured AWS Lambda functions and roles using the AWS Command-Line Interface (CLI).
* Secured AWS resources using **VPC, security groups, ACLs, Route Table and Internet and NAT gateways.**
* Designed, implemented, and maintained a monitoring and alerting solution using **AWS CloudWatch and Amazon Simple Email Service (SES).**
* Used AWS Identity and Access Management (IAM) to centrally manage permissions to access AWS resources.
* Integrated Redshift DB and Data bricks, allowing for the easy transfer of data between the two platforms.
* Implemented SAML single sign-on authentication to Data bricks, making it easier for users to access the platform.
* Created CloudWatch dashboards for monitoring **CPU utilization, Network In-Out, Packet In-Out, and other parameters of AWS resources.**
* Configured AWS SNS to send notifications to administrators when any **CloudWatch** alerts are triggered.
* Created Docker container snapshots to create backups of containers and to roll back to a previous state.
* Debugged Docker containers using a variety of techniques like Inspecting container logs and attaching to running containers.
* Used **Amazon S3 buckets** to store code bundles that were then deployed to Amazon EC2 instances.
* Developed Cloud Formation templates to provision **VPCs, subnets, EC2 instances, ELBs, and security groups.**

**Environment**: AWS S3, EC2, EBS, Elastic Load balancer (ELB), Auto Scaling groups, VPC, IAM, Cloud Watch, Glacier, Dynamo DB, Lambda, Ops works, shell scripts, GIT, Docker, Jenkins, Python, Windows, and Linux environment.

**Tech Vedika Hyderabad, IN Jan 2018- Dec 2019**

**Role: AWS Engineer**

**Responsibilities:**

* Worked on Amazon Web Services (AWS) provisioning and used AWS services like **EC2, S3, Glacier, ELB (Load**
* **Balancers), RDS, SNS, SQS, and EBS etc**
* Written Cloud Formation Templates (Confidential) in JSON and YAML format to build the AWS services with the paradigm of Infrastructure as a Code (IaaS).
* Creating S3 buckets and managing policies for **S3 buckets** and utilized S3 bucket and Glacier for storage and backup on AWS.
* Created functions and assigned roles in **AWS Lambda** to run python scripts, and AWS Lambda using java to

perform event driven processing.

* Created Lambda jobs and configured Roles using **AWS CLI.**
* Implemented and maintained the monitoring and alerting of production and servers/storage using AWS **CloudWatch.**
* Used **AWS IAM** to grant permissions to users and groups for accessing AWS resources.
* Worked on connecting Redshift database and Databricks. Also set up SAML single sign on authentication to Databricks.
* Created cloud watch dashboards for monitoring CPU utilization, Network In-Out, Packet In-Out and other
* parameters of the instances and notified them using SNS.

**Environment**: AWS, S3, EBS, ELB, Lambda, SNS, SQS, Glacier, RDS, IAM, CLI, Confidential, Cloud Watch, Splunk, Git,

Maven, Jenkins, Azure, ELK, Open Shift, Ansible, Chef, Docker.

**E-Z-GO Hyderabad, IN Jul 2016- Dec 2017**

**Salesforce Administrator**

**Responsibilities:**

* Worked with field & page layout customization for the standard objects like Account, contact and leads.
* Used Sales Force Automation (SFA) for Sales Lead Management, Opportunity Management, Account and Contact Management, Data Quality Management, and Approvals and Workflow
* Developed triggers, Visual Force pages/controllers, workflows, validation rules and formulas.
* Involved in developing automated e-mail service.
* Used Data Loader for insert, update, and bulk import or export of data from Salesforce.com objects.
* Used it to read, extract, and load data from comma separated values (CSV) files.
* Managed user acceptance testing for system changes and enhancements.
* Utilized Sales force's WSDL to integrate Salesforce with applications.
* Created Profiles and Roles and performed security and sharing settings to them.
* Gathered sales leadership and end user feedback to build dashboards, reports, and tools to optimize CRM tools.

**Environment:** SFDC APEX API, Java script, XML, SOQL, Force.com Eclipse IDE, Apex Explorer, Workflow and Approvals, Apex date loader, Email services, Security controls, Visual force, HTML, Sandbox, SOQL, SOSL and Windows Experience.