Kavitha kumari

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OBJECTIVE: -

Dynamic professional with a background in customer service at Amazon, transitioning into the AWS domain. Seeking opportunities to leverage expertise gained through a Master's course in AWS from Intellipaat and hands-on experience with real-time projects.

Key Skills and Tools: -

1) **AWS Services**: EC2, VPC, S3, RDS, DynamoDB, CloudWatch, Global Accelerator, Lambda, SES, SNS.
2) **Deployment and Configuration Management Tools**: Jenkins, Ansible, Docker (Hub, Swarm, Compose), Kubernetes, Terraform, Puppet.
3) **AWS Management Tools**: AWS Management Console, AWS CLI, AWS SDKs (Java).
4) **Security and Compliance**: IAM, encryption, GDPR, HIPAA.
5) **Networking**: VPC, subnets, security groups, network ACLs.
6) **Databases**: Amazon RDS, DynamoDB, Aurora, Redshift.
7) **Monitoring and Logging**: CloudWatch, CloudTrail, AWS Config.
8) **DevOps Practices**: AWS CodePipeline, AWS CodeDeploy, AWS CodeCommit.
9) **Serverless Computing**: AWS Lambda, API Gateway, Step Functions.
10) **Containerization**: Amazon ECS, Amazon EKS.
11) **Cost Optimization**: AWS Cost Explorer, AWS Budgets, AWS Trusted Advisor.
12) **Troubleshooting and Problem-Solving**: Strong analytical and problem-solving skills.

Projects: -

1. **Secure Web Server Deployment with AWS**
   - Deployed secured web servers on Linux using EC2 instances in multiple regions.
   - Configured instances with custom AMIs and managed EBS volumes for data integrity.
2. **AWS Infrastructure Administration and Security**
   - Setup user accounts, groups, and security measures in AWS for administrative tasks.
   - Explored security options and identified potential risks using IAM Access Analyzer.
3. **AWS Infrastructure Scaling and Load Balancing**
   - Migrated on-premise solutions to AWS for efficient application load handling.
   - Implemented dynamic compute resource deployment and set up Application Load Balancer for traffic distribution.
4. **VPC Architecture Setup for XYZ Corporation**
   - Designed distinct Amazon VPCs for production and development teams with secure connectivity.
   - Established peering connections between networks to facilitate communication.
5. **Secure VPC Connectivity with S3 Endpoint**

- Implemented VPC endpoints for secure access to S3 buckets using **gateway** and **interface endpoints.**

6. **DynamoDB Setup and Data Migration**
   - Created DynamoDB tables, migrated data, and ensured data integrity through backup operations.

7. **Redshift Data Warehouse Setup and Querying**
   - Setup Redshift clusters, loaded data, and performed data querying for efficient storage and retrieval.

8. **Automated Web Application Testing Environment Setup with CloudFormation**
   - Automated setup of testing environment using CloudFormation for seamless code testing.

9. **Serverless Web Application Autoscaling with AWS Lambda and SQS**
   - Implemented serverless solution using AWS Lambda and SQS for efficient resource management.

10. **Secure Patient Record Delivery with AWS CloudFormation and SNS**
    - Secured patient record delivery using AWS infrastructure and SNS for private message publishing.

11. **AWS Migration and Auto Scaling for Company ABC**
    - Migrated Company ABC's infrastructure to AWS with Auto Scaling for high availability.

12. **Rapid DevOps Implementation for Abode Software**
    - Implemented DevOps lifecycle for Abode Software's product development with Jenkins Pipeline.

13. **Automated Deployment and Scaling with Docker and Kubernetes**
    - Automated deployment and scaling of application containers using Docker and Kubernetes.

Education: -

IITM Degree College (2019-22)	Osmania University	CGPA: 9.7
Sri Chaitanya Jr College (2017-19)	Intermediate	CGPA: 9.58
ST. Anthony's High School (2016-17)	Primary and secondary Education	CGPA: 9.2

Certification: -

- AWS Certification Master's
Course from Intellipaat

CERTIFICATE OF COMPLETION

This Certificate Is Presented To

Kavitha Kumari

Who has successfully completed all the requirements stipulated by Intellipaat for

AWS Certification Masters Course

to achieve professional excellence

Issue Date: April 14, 2024

Mrs. Shilpi Jain
Director,
Intellipaat Software Solutions Pvt Ltd.

VERIFIED
CERTIFICATE

Certificate ID 31679-199010-215600

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