

# Kavitha kumari

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<https://origamini.github.io/Portfolio/>

<https://www.hackerrank.com/profile/Kavithakumari351>

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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.

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## 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.

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## 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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