Arulpandi Arumugam

Cloud Support Associate | AWS Certified | IT Operations

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PROFESSIONAL SUMMARY

Motivated **Business Administration** graduate and AWS Certified Cloud Practitioner with hands-on experience in **EC2, S3, IAM, RDS, and VPC.** Strong understanding of cloud infrastructure, IT fundamentals, and business operations. Proven ability to deploy and manage secure, scalable cloud applications. A fast learner and collaborative team player seeking an entry-level role in Cloud Computing or IT Support.

TECHNICAL & SOFT SKILLS

• **Cloud Platforms**: AWS (EC2, S3, IAM, Lambda, VPC, RDS)
• **Operating Systems**: Linux (Ubuntu), Windows
• **Tools & Technologies**: Docker, CloudFormation, CloudTrail, CloudWatch, Git, Amazon RDS
• **Soft Skills:** Problem Solving, Teamwork & Collaboration, Communication, Time Management, Adaptability

PROJECTS

Project 1: Deploying a Scalable Web Application on AWS EC2

Situation:

Wanted to gain hands-on experience deploying and managing a web application on AWS to understand real-world cloud infrastructure concepts.
Task:

Designed and deployed a secure and scalable 2-tier web application using Amazon EC2 instances for hosting and Amazon RDS for database management.

Action:

- Created a custom VPC with public and private subnets for network isolation.
- Launched EC2 instances in an Auto Scaling Group behind an Application Load Balancer (ALB) to ensure high availability.

- Installed and configured Apache web server and deployed a sample PHP-based web application.
- Set up Amazon RDS (MySQL) in a private subnet for database connectivity
- Implemented IAM roles, Security Groups, and CloudWatch monitoring for secure access and resource tracking.
- Used Elastic IP and Route 53 for stable domain access and DNS management.

Result:

Successfully deployed a highly available, secure, and scalable web application on AWS. Improved uptime and load distribution while gaining strong practical knowledge of AWS networking, compute, and monitoring services.

Project 2: Hosting a Static Website Using Amazon S3

Situation:

Aimed to explore serverless web hosting using AWS services.

Task:

Set up a static website using Amazon S3 for high availability and low cost.

Action:

Created an S3 bucket, enabled static website hosting, uploaded files, configured permissions, and tested the deployment using the S3 endpoint URL.

• Result:

Successfully deployed a static website with zero downtime, showcasing skills in AWS S3 configuration and website hosting.

EDUCATION
Bachelor of Business Administration (BBA)
Pavendar Bharathidasan College of Arts and Science, Trichy, Tamil Nadu | 2016 – 2019

CERTIFICATIONS
• AWS Certified Cloud Practitioner (In progress)
• AWS re/Start Graduate Certification

TOOLS & CONCEPTS
CI/CD,Networking, Troubleshooting, Security Groups, IAM Policies, Cloud Migration