KARTHICK K

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Summary/objective: AWS Certified Cloud Practitioner with a strong foundation in core AWS services, Linux administration and cloud deployment. Hands-on experience in building scalable solutions.Skilled in problem-solving and cross-functional collaboration, seeking an entry-level cloud, DevOps or support role

PROJECTS

- **Three tier scalable web application:** Designed and deployed a highly available web application on AWS using EC2, RDS(Multi-AZ),VPC ensuring fault tolerance and reliability
- Implemented security best practices using IAM (least privilege) and Security Groups to control access.
- Created cost optimization and monitoring strategy using CloudWatch metrics alarms and SNS
- **Infrastructure as Code (IaC) using CloudFormation:** Designed and deployed a web application using CloudFormation YAML template
- Created a networking layer with VPC, subnet, route tables, and internet gateway. Implemented an application layer deploying an EC2 web server using cross-stack reference.
- Successfully validated deployment through browser access
- **Dockerized node.js application:** Containerized a Node.js application using Docker and implemented Docker volume and bind mount for persistent storage and file synchronization.
- Published the Docker image to Docker Hub, enabling portable and reusable deployments across environments
- Validated container lifecycle behavior by recreating containers and ensuring data persistence using Docker volume and bind mount

CERTIFICATIONS

- AWS Certified Cloud Practitioner (CLF-C02)
- AWS re-start graduate in TN Skill Corporation
- Five star Gold tier in AWS cloud Job readiness program by Cultus tech

Technical Skills

- **Cloud :** AWS , EC2, S3, VPC, IAM, RDS, Lambda, **IaC:** CloudFormation
- **DevOps & Tools:** Git, GitHub, Docker, CI/CD, **OS:** Linux (Basics)
- **Scripting:** Python (Basics), Bash/Shell
- Networking fundamentals, Monitoring, security best practices, Relational Database(basics)

Soft skills: Communication, Problem solving, Analytical thinking, Adaptability, Team player, Leadership
Languages known: English (Fluent), Tamil (Native), Hindi (Beginner)

EMPLOYMENT HISTORY

GDS BPM-India Posts (Apr 2021-Aug 2023)
- Managed a team of marketing representatives, leading to a 30% increase in sales
- Supported customer operations, issue resolution and documentation
- Managed clients with account opening, management and transaction inquiries

Project coordinator-GAP foods (Nov 2023-Aug 2024)
- Led the end-to-end coordination for launching a new internal brand "Virgin Bites", from concept to execution
- Prepared reports and documentation to track performance
- Worked with stakeholders to define project requirements, execution steps, and operational workflows for the brand

EDUCATION

- **College of Engineering Guindy ,Chennai** (2016-2020)
  BE in Electrical and Electronics Engineering
  Graduated with 7.36 CGPA
- **Saratha Hr.Sec.School,Modachur** (2014 & 2016)
  Grade 12 and 10 with 94.08% and 98.20% respectively