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SUMMARY

- Experienced in AWS cloud infrastructure management, specializing in provisioning and managing virtual machines and storage. Transitioning from AWS expertise to actively learning DevOps, focusing on automation and workflow optimization. Exploring Infrastructure as Code (IaC) and CI/CD pipelines for efficient deployment and scaling.

KEY PROJECTS

AWS Cloud Cost Optimization & Performance Tracking

Mar 2025

- Developed a serverless AWS monitoring system using Lambda, Cost Explorer, and CloudWatch to track cloud costs and EC2 performance. Integrated SNS for cost alerts and EventBridge for scheduling, using Python (Boto3 SDK) for data processing. Enhanced AWS cost management with real-time insights and automated notifications.

AWS Cloud Cost Optimization - Identifying Stale Resources

Feb 2025

- Developed an AWS Lambda function to identify and delete stale EBS snapshots, optimizing storage costs. The function checks if snapshots are linked to active EC2 instances and deletes unused ones. This automation reduces unnecessary storage usage and improves resource efficiency.

S3 File Upload with SNS Notification

Feb 2025

- AWS Enthusiast with experience in EC2 hosting and cloud automation. Developed a file upload system on an EC2 Apache server, storing files in S3 and triggering SNS email notifications. Configured IAM roles, S3 event triggers, and SNS subscriptions for seamless integration.

EDUCATION CREDENTIALS

Examination	Year	Institution	Board/University	CGPA
B.Tech (IT)	2026	Karpagam College of Engineering, Coimbatore	Anna University	7.15
HSC	2022	Vivekananda Matric Hr Sec School	State Board	67.5
SSLC	2020	Vivekananda Matric Hr Sec School	State Board	86.4

TECHNICAL SKILLS

- Cloud Computing:** AWS (EC2, S3, SNS, IAM, Lambda)
- Web Hosting:** Apache Server on EC2
- Programming:** Python, Bash (Basic)
- Operating Systems:** Linux (Ubuntu), Windows
- Version Control:** Git, GitHub