RUSHIKESH LONDHE

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PROFILE SUMMARY

- Professional training on AWS with Aws/ restart Program and currently pursuing Devops
- Comprehensive problem-solving abilities and willingness to learn, hard working.

EDUCATION

Kirti M. Doongursee College, Mumbai
Bachelor of Science in Computer Science
2024
CGPA: 6.63

TECHNICAL PROJECTS

Load Balancing using AWS 🔗
Highly Available Web Application with Application Load Balancer (ALB)
- Architected and deployed a fault-tolerant web application across **multiple Availability Zones** using **Application Load Balancer (ALB)** for traffic distribution and auto-scaling readiness.
- Provisioned a custom **VPC with public subnets in 2 AZs**, configured route tables, NACLs, and security groups to restrict traffic flow (ALB → EC2 only).
- Automated EC2 provisioning using **Launch Templates** with Apache pre-installed and dynamic index.html responses for load testing.
- Registered 3 EC2 instances in an **ALB Target Group** with HTTP health checks; validated round-robin request routing via DNS endpoint.
- Demonstrated core AWS competencies: **High Availability, Auto Scaling Readiness, Secure Networking, Load Distribution**.

Distributed Pizza Ordering System on AWS 🔗
Microservices-Based Cloud-Native Architecture with Asynchronous Order Processing (Microservices on AWS)
- Built an event-driven, asynchronous pizza ordering platform using **API Gateway, Lambda, SQS, and EC2** to simulate real-world e-commerce workflows.
- Decoupled frontend (hosted on EC2) from backend processing via **SQS queues**, enabling horizontal scalability and resilience during traffic spikes.
- Developed Python scripts on EC2 workers to poll, process, and log orders from SQS; integrated **CloudWatch Logs** for observability.
- Configured **CORS policies** on API Gateway and assigned least-privilege **IAM roles** to Lambda functions for secure execution.
- Showcased **DevOps principles**: Infrastructure automation, loose coupling, observability, and cloud-native design patterns.

ACTIVITIES & INTEREST

- Active Member, Cloud & DevOps Communities — Regularly participate in hackathons, cloud workshops, and online forums.
- Frequent Participant in Google Cloud Arcade, AWS Community Days, and cloud certification study group

SKILLS & ABILITIES

Programming & Scripting: Python.
Cloud Platforms & Services: AWS (EC2, Lambda, API Gateway, S3, VPC, RDS, EKS, ECS, CloudWatch, IAM, ALB) OCI.
Containerization & Orchestration: Docker, Kubernetes(EKS).
Infrastructure as Code & Automation: Terraform, CloudFormation, Jenkins CI, GitHub Actions
Version Control & Collaboration: Git, GitHub
Operating Systems: Linux, Windows
Project Management : Jira
Security & Access Management: IAM Policies, Access Control

PROFESSIONAL EXPERIENCE

Cloud Computing Intern
CodTech IT Solutions
03/2025 – 04/2025
- Designed and deployed multi-cloud storage solutions using AWS S3 and Google Cloud Storage, configuring bucket policies, lifecycle rules, and access controls for secure data management.
- Implemented centralized monitoring using AWS CloudWatch, Google Cloud Monitoring, and Azure Monitor; built real-time dashboards and configured alert thresholds to ensure 99.9% service uptime.
- Architected a hybrid multi-cloud environment distributing workloads across AWS and GCP, demonstrating interoperability and cost-optimized resource allocation.
- Enforced security best practices by implementing IAM roles/policies, enabling server-side encryption (SSE), and generating audit-ready compliance reports.
- Documented architecture decisions, deployment steps, and operational runbooks for knowledge transfer and future scaling.

CME - Infrastructure Support (Real-Time Alert Monitoring)
Comfort Techno Services Pvt. Ltd.
04/2022 – 06/2022
- Monitored nationwide ATM network infrastructure via real-time CCTV feeds and sensor alerts, ensuring rapid incident detection and escalation.
- Provided L1/L2 support for Linux and Windows-based monitoring systems, maintaining 24x7 system availability for critical financial operations.
- Coordinated with field engineers to resolve hardware/network issues impacting ATM connectivity and transaction integrity.
- Troubleshot LAN/WAN connectivity between distributed ATM sites and central NOC, reducing downtime by 30%.

CERTIFICATIONS

- Computer Hardware & Networking Assistant — Government Skill Development Institute (2021)
- Oracle Cloud Infrastructure Certified Foundations Associate — Oracle (Issued 2025) 🔗