GURUMOORTHI SEZHIYAN
AWS CLOUD & DEVOPS ENGINEER

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PROFESSIONAL SUMMARY

AWS Cloud Engineer with 5 years of overall IT experience and strong hands-on exposure to AWS and DevOps tools. Experienced in deploying and managing AWS infrastructure, supporting cloud-based workloads, and implementing Infrastructure as Code using Terraform through real-world projects. Proficient in CI/CD fundamentals, version control, and automation using Git, GitHub, and Jenkins. Background in IT operations provides a strong foundation in troubleshooting, system reliability, and production support within cloud environments.

SKILLS

- **Cloud Platform:** AWS (VPC Peering, Transit Gateway, NAT Gateway, Route 53, CloudFront).

- **Compute & Containers:** EKS, ECS, Lambda, EC2, Auto Scaling (ASG), Docker, Kubernetes.

- **Infrastructure as Code:** Terraform.

- **Networking**: VPC, Subnets, NAT Gateway, Internet Gateway, Route Tables, Security Groups, NACLs, DNS, DHCP.

- **CI/CD & Version Control:** Jenkins, Git, GitHub.

- **Storage & Databases:** S3, EBS, RDS.

- **Security & Management:** IAM, AWS Organizations, ACM, WAF, AWS Shield.

- **Monitoring & Logging**: CloudWatch, SNS, Prometheus, Grafana.

- **Operating Systems:** Linux (Ubuntu, Amazon Linux), Windows Server.

PROFESSIONAL EXPERIENCE

AWS Cloud Engineer | TAURUSQUEST GLOBAL SERVICES - ALWARPET   **May 2023 – Present**

- Owned end-to-end management of the organization's IT and cloud infrastructure as a single point of responsibility.
- Administered Amazon S3, implementing bucket policies, IAM permissions, versioning, and lifecycle rules to optimize security and storage costs.
- Provisioned and managed EC2 instances, including instance sizing, AMI usage, security groups, and key pair management.

- Implemented and managed IAM users, groups, roles, and policies following least-privilege access principles.
- Configured Amazon CloudWatch for infrastructure and application monitoring, enabling proactive issue detection and performance tracking.
- Supported users through remote troubleshooting and guided resolutions while maintaining SLA expectations.
- Performed regular infrastructure and security audits, applying updates and remediation actions to maintain compliance and system reliability

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CHENNAI PUBLISHING SERVICES - VELACHERY   **August 2020 – May 2023**

- Managed and supported 100+ devices and servers with 99.9% uptime across multiple departments.
- Optimized system and application performance through regular updates, patching, and upgrades on both local systems and AWS EC2 instances, reducing downtime.
- Managed user accounts, groups, and permissions in Active Directory, and aligned access control with AWS IAM for cloud resources where required.
- Enhanced system performance by proactively troubleshooting and resolving software, hardware, and network issues.
- Performed installation and upgrade of operating systems and computer software efficiently.
- Managed installation and maintenance of computer hardware and peripherals.
- Monitored system health and logs using CloudWatch metrics and logs to identify and respond to issues early.
- Managed inventory of IT assets, including hardware components and software licenses, maintaining accurate records and ensuring compliance.

PROJECTS:

1) 3-Tier Architecture Deployment on AWS

- **Description**: Designed and implemented a scalable and highly available 3-tier web application architecture (Web, Application, Database) across multiple Availability Zones using AWS services. Configured security groups and NACLs for network segmentation.

- **Technologies**: VPC,AWS EC2, RDS, Application Load Balancer (ALB), Auto Scaling Groups, Security Groups, NACLs, Linux instances, Route 53, CloudFront.

- **Key Learnings**: Multi-tier application design, high availability, load balancing, network security, scalability.

2) Static Portfolio Website – AWS (S3, CloudFront, Route 53, ACM)

- Hosted a static portfolio website using Amazon S3 with CloudFront for global content delivery
- Configured custom domain using Route 53 and secured the site with HTTPS via AWS Certificate Manager.
- Integrated CloudFront with S3 using Origin Access Control to restrict direct public access.
- Optimized performance using cache behaviors and CloudFront invalidations during updates.

EDUCATION

Bachelor of Engineering – Mechanical   **2016 - 2020**

- Roever Engineering College, Perambalur │ 2016 – 2020 │ CGPA: 6.83

HIGHER SECONDARY (HSC)   **2014 - 2016**

- Govt Higher Secondary School │ Maruvathu, Perambalur, TN, India 2015 – 2016 │ Percentage: 59%

SECONDARY SCHOOL (SSLC)   **2013-2014**

- Govt Higher Secondary School │ Keelakulathur, Ariyalur, TN, India Completed in 2014 │ Percentage: 80%

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (In Progress)
- Devops (course completion certificate)

ADDITIONAL INFORMATION

- Location: Chennai, Tamil Nadu
- Languages: Tamil, English