CloudOps Engineer

VINOTHRAJ R

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Portfolio: Vinothraj-CloudOps-Engineer YouTube: @cloudyops

PROFESSIONAL SUMMARY

AWS Certified Solutions Architect – Associate with 6+ years of experience in designing, managing, and optimizing **AWS, Azure**, and OpenStack cloud environments. Proficient in cloud infrastructure management, automation, performance monitoring, and cost optimization. Seeking to leverage cloud architecture expertise and automation skills in a dynamic cloud engineering role to enhance operational efficiency and scalability.

TECHNICAL SKILLS

- **Cloud Platforms:** AWS, Azure, OpenStack
- **Operating Systems:** Linux (RHEL, CentOS, Ubuntu), Windows
- **Containerization & Orchestration:** Docker, Kubernetes, AWS EKS
- **Infrastructure as Code (IaC):** Terraform
- **Configuration Management:** Ansible
- **Monitoring Tools:** Datadog, Zabbix, Prometheus, Grafana, CloudWatch, CloudTrail
- **Version Control & AWS Services:** Git, ELB, ASG, EBS, VPC, Route53, EC2, S3, API
- **Security Tools & Services:** Barracuda cloud Gen, WAF, PF Sense, Sophos, IAM, MFA
- **Programming & Scripting:** Bash, Python, YAML, HCL
- **Project Management Tools:** JIRA, ServiceNow, Redmine
- **Virtualization:** VMware ESXi
- **Database:** MSSQL

PROFESSIONAL EXPERIENCE

Uncia Technologies Pvt. Ltd | Senior Cloud Infrastructure Engineer
Nov 2024 – Present

Clients: Canfin, Mahindra, ICIC Home Finance, IDFC first bank, TVS, Religare, Chola.

- Created AWS landing zones and networking for production and non-production environments.
- Managed security policies for users and server machines using Sophos
- Patching for Windows and Linux systems, Office 365 Administration.
- Configured site-to-site VPNs between on-premises to AWS environments.
- Automated VM start/stop processes using Azure Automation Accounts.

- Used AWS Lambda functions triggered by Event Bridge to start and stop EC2 instances in non-production environments. Utilized S3 Browser for uploading and downloading data.
- Performed database backup and restore operations. Participated in Disaster Recovery (DR) drill activities.
- Worked with Fortigate firewalls (200F, 100F models) and coordinated SD-WAN creation to secure environments.
- Increased Azure vm disk storage capacity as per client requirements for LMS, LOS, and SCF products.
- Monitoring server alerts using Grafana dashboards.

Nminds | Cloud Consultant | *Feb 2023 – Nov 2024*

- Delivered AWS cloud training covering EC2, Subnets, VPC, NAT Gateway, IGW, and subnets.
- Designed cloud-based solutions and provided training on cloud computing best practices.
- Created educational video content for platforms like YouTube on cloud technologies (Linux, AWS, Jenkins, Azure).

Linux Playlist	: Watch Here	**Jenkins Playlist**	: Watch Here
Azure Playlist	: Watch Here	**AWS Playlist**	: Watch Here

US Technology (UST Global) | CloudOps Engineer | *September 2021 – February 2023*
Client: Nokia
Projects: T-Mobile USA, URSA

Tools & Technologies Used: Azure, VMware ESXi, OpenShift, Grafana, Docker

- Worked extensively with Azure cloud services, including VM provisioning, Vnet peering, IAM roles, MFA configuration, and disk encryption (PMK to CMK).
- Led the deployment of Docker containers to NESC OpenStack and Azure VMs, improving container orchestration and reducing infrastructure costs.
- Developed Zabbix dashboards for monitoring critical cloud resources, ensuring high availability and performance across applications.
- Conducted patching and upgrade activities for both Windows and Linux systems to maintain security compliance.
- Backup and restoration of vm using recovery service vault.
- Managed storage account. Vmware Esxi upgrade activity
- Creation of cronjob for the automatic snapshot of openstack cloud vm

Inspace Technologies | System Administrator| *Jul 2018 – Mar 2021*
Clients: Sundar Infographic Analytics, Impetus Analytics, Sundarandco

- Implemented infrastructure provisioning and CI/CD pipelines using AWS DevOps tools.
- Deployed applications in Docker containers and web application.
- Migrated on-premise VMs to cloud (AWS) and automated infrastructure provisioning.

Integrated Wireless Solutions (IWS) | RF Engineer | *Jul 2015 – Jun 2016*
Clients: Huawei Technologies, Airtel
Projects: 3G Dual Carrier, 4G

- Conducted RF planning, site surveys, and capacity analysis to optimize mobile network performance.
- Utilized tools like Genex Probe, TEMS, and MapInfo to analyse drive test data and improve network coverage.

EDUCATION

B.E. in Electronics and Communication Engineering (ECE)
S.K.P Institute of Technology, 2014

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate**
  Issued: July 2024 **Valid Until:** July 2027
  Credential ID: bc6c4678-eb3d-43c4-8141-d05cd2f14988
  Verification Link: https://www.credly.com/badges/bc6c4678-eb3d-43c4-8141-d05cd2f14988/public_url

PERSONAL DETAILS

- Date of Birth: **28th June 1992**
- Marital Status: **Single**
- Languages Known: **Tamil, English**
- Address: **Door #404, 4th Floor, SLV Bhavish Terrain Apartment, A. Narayanapura, Bengaluru - 560016**