

ANUSUYA M

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CAREER OBJECTIVE

To begin my career I am looking for a cloud/IT role that allows me to use my cloud computing training and grow in areas such as DevOps, cloud platforms like AWS/Azure, linux, Networking.

TECHNICAL SKILLS

Cloud Architecture (AWS) – Certified Solutions Architect Associate

Amazon Web Services (AWS)

- Deploying and managing **EC2 instances**, configuring **VPCs**, subnets, route tables, gateways, peering, and security groups.
- Managing **storage solutions**: S3, EBS, EFS, Glacier, snapshots, lifecycle policies, and object versioning.
- Deploying **static websites** using S3 and CloudFront.
- Implementing **load balancing, auto-scaling**, and high-availability architecture using ALB and Route53.
- Configuring **IAM roles, users, and policies**, and managing **CloudWatch, SNS, and CloudTrail**.
- Built a **3-tier AWS architecture** using EC2, RDS, ALB, and Auto Scaling across multiple availability zones.

Microsoft Azure

- Proficient in **Cloud Computing (IaaS, PaaS, SaaS)** and **Virtualization concepts**
- Deploying, managing, and monitoring **Azure Virtual Machines** (Windows & Linux).
- Configuring **Virtual Networks, Load Balancers, NSGs, and VNet Peering**.
- Implementing **Azure Resource Management**, diagnostics, metrics, and cost optimization.
- Managing **Azure AD, RBAC, and Multi-Factor Authentication** for secure access control.
- Creating and maintaining **Azure Storage Accounts**, Access Keys, and Shared Access Signatures (SAS).
- Managing **DNS services, subscription policies**, and tagging for resource governance.

DevOps Skills

- Strong understanding of **DevOps principles, CI/CD pipelines**, and software delivery automation.
- Hands-on experience with **Git** for version control, branching, merging, and repository management.
- Proficient in **Jenkins** for continuous integration, pipeline creation, job automation, and plugin management.
- Familiar with **Maven** for project build lifecycle and dependency management.
- Host and run java based application in **tomcat**
- Experience with **Ansible** for configuration management, playbook automation, and role-based deployments.
- Skilled in **Docker** for containerization — building images, managing containers, and working with Docker Compose and Swarm.
- Knowledge of **Kubernetes** for container orchestration, deployments, pods, and services management.
- Exposure to **AWS Cloud** services for hosting, automation, and scalable DevOps infrastructure.
- Adept at **automating deployment workflows**, improving release reliability, and ensuring operational efficiency.

Terraform

- Hands-on experience with Terraform for **Infrastructure as Code**
- Provisioned and managed **AWS IAM resources** using Terraform
- Built and deployed **S3-hosted static websites** via Terraform
- Implemented **remote backends, state locking, and workspaces**
- Applied **security best practices** in Terraform configurations
- Collaborated using **Git-based version control**
- Utilized **Terraform Cloud** for remote execution and collaboration

Linux Administration

- User & Group administration on Ubuntu
- Creating and managing the file systems
- Monitoring Disk/CPU/Memory usage, ping,
- Scheduling Future Tasks
- Creating and managing Files and folders using command-line tools.
- Configuring and managing Firewall, SSH, Samba, DHCP

Networking (CCNA Fundamentals)

- knowledge of role and function of network components: -Routers, switch, Firewall, Access points, Servers
- difference between TCP and UDP
- Configure and verify IPv4 addressing and subnetting.
- Configure and verifying Layer 2 discovery protocols (Cisco Discovery Protocol and LLDP)
- Configuring and verifying DHCP server and client
- Configuring network devices for remote access using SSH and telnet

INTERNSHIP

Cloud Computing Intern – Besant Technologies, Bangalore

Worked on real-time deployment and management of cloud infrastructure using **AWS and Azure**.

Gained practical exposure to virtualization, cloud networking, and security concepts.

EDUCATIONAL QUALIFICATION

B.E. (Electronics and Communication Engineering)

University College of Engineering, Ariyalur (Trichy) -2013