

**Dipi.T.P**

**Cloud Engineer**

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**Location: Bengaluru**

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## **Profile**

Results-driven Cloud Engineer with 3 years of experience in designing, implementing, and managing cloud infrastructure solutions. Proficient in AWS services, cloud networking, and automation tools. Strong problem-solving skills with a proven track record of optimizing cloud environments and ensuring high availability and security.

## **Employment**

<b>Current Employer</b>	: <b>Sify Technologies</b>
<b>Role</b>	: <b>Cloud Engineer</b>
<b>Tenure</b>	: <b>January 2021</b> to Till Date

## **Job Responsibilities**

- Architect, design, and implement scalable, reliable, and secure AWS cloud infrastructure solutions.
- Developed and maintained infrastructure as code (IaC) using Terraform and AWS CloudFormation.
- Managed **EC2** instances, including launching, configuring, and monitoring for optimal performance.
- Configured and monitored **S3** buckets, including lifecycle policies, versioning, and access control.
- Documented troubleshooting procedures, best practices, and knowledge base articles for future reference and training purposes.
- Ensured compliance with security standards by implementing encryption, security groups, and network ACLs.
- Conducted regular security audits and vulnerability assessments to identify and mitigate risks.
- Created **Docker** images and managed containerized applications using **ECS** and **EKS**.
- Configured and managed **EBS** volumes, snapshots, and AMIs to ensure data availability and backup.
- Attached and configured **EFS** volumes for shared storage across multiple EC2 instances.
- Monitored and optimized resource utilization to reduce costs and improve performance.
- Configured **Auto Scaling groups** and **Elastic Load Balancers** to ensure high availability and fault tolerance.
- Provided technical support and troubleshooting for cloud infrastructure issues.
- Documented infrastructure configurations, procedures, and best practices.
- Generated reports on resource usage, performance metrics, and security compliance.

**Employer** : **Shlok labs**  
**Role** : **Junior Web Designer**  
**Tenure** : **June 2012- April 2013**

**Job Responsibilities**

- Helping the team to design on Web Applications and Mobile App design.
- Contributing to marketing and communication team by design pamphlets and brochures.

**Technical Skills**

- Cloud Platforms: AWS (IAM, EC2, S3, VPC, CloudWatch, CloudTrail, ECS, EKS, Lambda, RDS, DynamoDB, Route 53)
- Tools: Terraform, Jenkins, Docker, Kubernetes
- Networking: VPC, VPN, Direct Connect, Security Groups, Network ACLs
- Operating Systems: Linux, Windows

**Academic Profile**

- MSc. in Applied Electronics from SNR Sons University, Coimbatore
- BSc. in Electronics from University of Calicut

**Declaration**

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

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