- S H O U R Y A   S O O D -

Cloud Engineer with DevOps Practice

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Highly skilled Cloud Engineer with extensive experience in DevOps practices. Proven track record of driving innovation and achieving tangible results in cloud environments. Adept at leading cross-functional teams and implementing strategic initiatives to improve operational efficiency and drive business growth.

PROFESSIONAL EXPERIENCE

Motherson Technology Services Ltd., Noida • Cloud Engineer   01/2021 - Present

GCP:

- Compute: Worked with Google Compute Engine (GCE), Google App Engine (GAE), and Google Kubernetes Engine (GKE).
- Storage: Managed buckets, Google Cloud Storage (GCS), and databases.
- Networking: Configured Virtual Private Cloud (VPC) and Subnets.
- Developed a billing calculator using Gcloud API for GCP Compute resources.
- Integrated Terraform with GCP to establish a Landing Zone.
- Integrated Excel with Python to automate Terraform variables file creation for infrastructure provisioning via Jenkins.
- Conducted migration from AWS to GCP, involving transferring DNS zones, hosting, computing resources, and buckets.
- Utilized core Kubernetes capabilities for resource optimization and monitoring, such as Horizontal Pod Autoscaler (HPA) and Kubernetes Dashboard. Robust CI/CD pipelines were implemented, combining Jenkins and GitLab CI/CD with GKE clusters to enable automatic deployment.
- Orchestrated containerized applications seamlessly using Google Kubernetes Engine (GKE), ensuring automated deployment, scaling, and management, thereby enhancing reliability and scalability of applications.

Azure:

- Compute Utilized Virtual Machines (VMs), Azure Kubernetes Service (AKS).
- Storage: Managed Blob storage, file storage, and disks.
- Networking: Configured Virtual Networks (VNETs), Subnets, Application Gateway, and Load Balancer.
- Deployed Azure infrastructure using Terraform.

AWS:

- Conducted AWS to GCP migration projects.
- Utilized Terraform for deploying AWS infrastructure.
- Implemented fetching AWS logs with OpenSearch and transferring them to AWS storage buckets at scheduled intervals.

Skills:

Cloud Service :GCP/ Azure IaaS, PaaS	GCP/Azure Monitoring & Logging	**Servers**: Windows and Linux
Cloud Security: Roles and Permissions, IAM, Service Accounts	Provision Cloud Infrastructure using Terraform, Terraform Cloud	**Containerization**: Docker, Kubernetes, GKE
Scripting: Python, PowerShell, BASH	**DevOps**: Terraform, Jenkins, Ansible	

EDUCATION

Master of Computer Applications [MCA] • MET-ICS, Mumbai
Graduation Year (2020)

Bachelor of Computer Applications [BCA] • DAV, Chandigarh
Graduation Year (2017)

HSC • Bhartiya Vidyapeeth, Baijnath
Graduation Year (2014)

SSC • Mount Carmel School, Baijnath
Graduation Year (2012)

CERTIFICATIONS

1. **GCP** – Professional Cloud Architect
2. **GCP** – Associate Cloud Engineer
3. **GCP** - Professional Cloud DevOps Engineer
4. **AZ**-900: Microsoft Azure Fundamentals
5. HashiCorp Certified – **Terraform** Associate (002)
6. Research Paper on the Impact of Data Science, Machine Learning & Artificial Intelligence on Humans [2020]
7. Certificate of Appreciation [2022, 2023]