**-SHOURYA SOOD** -

**Cloud/IaC Engineer**

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Highly skilled Cloud Engineer with extensive experience in IaC 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.

**SKILLS**

* DevOps: **Terraform**, Jenkins, Ansible
* Provision Cloud Infrastructure using **Terraform**, **Terraform** **Cloud**
* Cloud Service :**GCP**/Azure IaaS, PaaS
* Containerization: Docker, Kubernetes, GKE
* Cloud Security: Roles and Permissions, IAM, Service Accounts

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

**PROFESSIONAL EXPERIENCE**

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

1. GCP Infrastructure Automation:

* Leveraged Terraform, Jenkins, and Ansible to automate the provisioning and management of cloud infrastructure on the Google Cloud Platform (GCP).
* Utilized Terraform to define and deploy GCP resources, including virtual machines, storage buckets, networking components, and more.
* Integrated with Terraform Cloud for seamless collaboration and version-controlled infrastructure state management.

1. Kubernetes Deployment on GCP:

* Orchestrated containerized applications using Kubernetes and Terraform on GCP.
* Deployed and managed Kubernetes clusters, specifically leveraging GKE (Google Kubernetes Engine), using Terraform.
* Ensured seamless containerization using Docker for streamlined application deployment, scaling, and management.

1. Infrastructure Provisioning with Terraform for Cloud Networking:

* Built Terraform modules to provision infrastructure for Cloud Networking products on Google Cloud Platform (GCP).
* Collaborated with product teams to create blueprints for cloud infrastructure designs on GCP, aligning them with customer requirements and existing infrastructure.
* Supported customers in troubleshooting and resolving issues related to Terraform scripts.

1. Terraform Migration and Automation for Cloud High-Availability:

* Led the migration from technologies like Ansible to Terraform, improving infrastructure automation and scalability.
* Designed and implemented disaster recovery and high-availability strategies using Terraform for cloud deployments.
* Leveraged Terraform for secret management, RBAC, and key rotations to enhance security and compliance.

1. IAM Role and Permissions Management on GCP:

* Implemented granular access controls, roles, and permissions management on GCP.
* Utilized Terraform to define and enforce IAM best practices for secure access management.
* Leveraged service accounts and IAM policies to achieve a robust security framework for GCP infrastructure.