Aashish Goel

*Principal Architect*

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# Summary

10+ years of experience as a result-oriented Cloud Architect possessing leadership capability and in-depth knowledge in managing 50+ Linux, Cloud, and Microservice environments.

# Skills

Cloud - Azure/AWS Terraform

CI/CD

BackUp - Azure Backup, CommVault

Cloud Security - Azure Defender for Cloud

Cloud Migration

# Certificates

Certified Kubernetes Admin Redhat Certified Engineer (RHCE) Google Associate Cloud Engineer

# Awards

**Extra Miler Award,** *Abinbev*

**Pint Award,** *Abinbev*

**On the Spot Award,** *TCS*

# Automations

Scripting - Shell Scripting, Python (Basic), PowerShell

Linux Kubernetes

Cost Optimization

Leadership / Team Management Cloud Architecture/System Design

Azure Architect Design Certification

AWS Certified Solution Architect - Associate Hashicorp Certified Terraform Associate



•​**IaC** - Automated the Infrastructure for resource provisioning & deployment through Terraform

•​**Scripting & Automation Languages** - Python, PowerShell or Shell used to automate repetitive tasks and build custom automation scripts.

•​**CI/CD** - Jenkins, Gitlab CI/CD & Shell Scripting to automate the build, test & deployment processes.

•​**Containerization & Orchestration** - Used Kubernetes to automate application deployment & scaling.

# Professional Experience

**Senior Staff DevOps Engineer,** *Equinix* 01/2025 – Present | Bangalore, India

•​Scheduled a Shell Script in cron, merged with the app image with a new Docker File to automatically delete the logs from the container older than 10hrs if the filesystem utilization is more than 80%.

•​Successfully created a pipeline in github actions for RabbitMǪ deployment using Helm charts.

•​Automated the new Boomi image deployment which wherein pipeline automatically picks the new image from github when Boomi updates the code & same will be deployed in our environment.

•​Created a Python Script to backup the RabbitMǪ queues in S3 bucket.

•​Successfully Onboarded the Redis, Traefik, Boomi Deployments onto Helm Charts via github actions pipeline.

**Senior Architect,** *Abinbev* 01/2020 – 01/2025 | Bangalore, India

•​Executed the Azure **RBAC across 20+ Azure Subscriptions**, creating 15+ custom roles to adhere to the principle of least privileges.

•​**Designed and implemented the Architecture** of Cloud Management Platform (CMP) solution, **reducing manual provisioning requests by an impressive 80%**.

•​Developed **10+ Terraform scripts** for resource provisioning on Azure

 I• mplemented **Privileged Identity Management** across **10+ subscriptions** for the Team.

•​Led a team in achieving significant **cost optimization in Azure Cloud**, saving **$3 million**.

•​Developed **5+ PowerShell scripts** based on Azure Advisor recommendations, contributing to efficient operations.

•​Automated CI/CD pipelines for Kubernetes deployments using **GitOps tools** such as **ArgoCD,** enabling efficient release processes with automated **canary and blue/green deployments**.

•​Secured Kubernetes workloads by enforcing **RBAC, NetworkPolicies**, and using tools like **Trivy** and **Azure Key Vault.**

•​Collaborated with App Teams to establish a well-structured integration with **Prometheus, Grafana, EFK stack**, to monitor workloads in **Azure Kubernetes Services (AKS)**.

•​Streamlines integration of **AKS** with **Helm & istio** for efficient deployment & management of Kubernetes services.

•​Designed and executed disaster recovery (DR) plans for Kubernetes clusters, ensuring minimal downtime during failovers.

 I• mproved cluster performance by tuning Kubernetes resource requests/limits and implementing **HPA, VPA & KEDA.**

**DevOps Engineer,** *Cerner Healthcare Services Pvt Ltd* 09/2018 – 01/2020 | Bangalore, India

•​Led the automation of **10+ CI/CD pipelines** using Jenkins, integrated with **SonarǪube & Maven**, and accelerated production processes for seamless Kubernetes deployment through **argocd**.

•​Managed, enhanced, and monitored AWS cloud infrastructure, utilizing **EC2, ELB, CloudWatch**, and Auto Scaling to optimize performance.

•​Created **Docker Files**, built & pushed images to registry & containerized applications using Docker.

•​Managed **GIT/GitHub repositories**, overseeing permissions, branching, tagging, and maintaining a structured and organized version control system.

**AWS Linux Engineer,** *Tata Consultancy Services Ltd* 09/2017 – 09/2018 | Bangalore, India

•​Orchestrated the seamless creation and binding of instances through the **AWS console & boto3 Python module**, effectively enhancing system architecture.

•​Leveraged AWS services, including **EC2, VPC, S3, Route53, SNS, and EBS**, optimizing their usage for enhanced performance and scalability.

•​Proficient in various VPCs, such as **VPC peering, NAT gateway**, etc., and **Application & Network Load balancers**, ensuring high availability and efficient distribution of incoming traffic.

**Linux Admin,** *Infosys Ltd* 06/2014 – 09/2017 | Mysore, India

•​Created a **Shell script** to monitor Linux resources and manage log files efficiently, contributing to streamlined system performance.

•​Executed **LVM operations**, and Implemented secure configurations such as **passwordless SSH, and NFS,**

along with, **yum, rpm, and cron job** orchestration, and know about **TCP, UDP, Email, Subnet, DNS,** etc.

•​Contributed to various **ITIL processes**, solving 200+ incidents, problems, and change management.

•​Performed **OS upgrade and patching** for **100+ Red Hat and SUSE servers**, ensuring systems remained up-to-date and resilient.

# Education

**B.Tech - Computer Engineering,**

*Maharishi Markandeshwar University (Gold Medalist)*

06/2010 – 05/2014

**CBSE Board Delhi - 12th,** *86.4%* 04/2009 – 04/2010