

# Aashish Goel

## Principal Architect



✉ aashishgoel3010@gmail.com

☎ 7829851783

📍 Bangalore

🌐 linkedin.com/in/aashishgoel3010

🐙 github.com/Ashish-Goel007

📄 https://stackoverflow.com/users/23344193/ashish-goel

### 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



Scripting - Shell Scripting, Python (Basic), PowerShell



Linux



Kubernetes



Cost Optimization



Leadership / Team Management



Cloud Architecture/System Design



### Certificates

- Certified Kubernetes Admin
- Redhat Certified Engineer (RHCE)
- Google Associate Cloud Engineer
- Azure Architect Design Certification
- AWS Certified Solution Architect - Associate
- Hashicorp Certified Terraform Associate

### Awards

Extra Miler Award, Abinbev

Pint Award, Abinbev

On the Spot Award, TCS

### Automations

- **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

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### 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 RabbitMQ 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 RabbitMQ 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
- Implemented **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.
- Improved 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 **SonarQube & 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