

Gaurav Arora

Cloud Consultant | DevOps Specialist | Infrastructure Engineer

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Summary

Results-driven Cloud Infrastructure and DevOps leader with over 10 years of experience architecting, automating, and optimizing enterprise-scale platforms across AWS, Azure, and GCP. Proven success in building cloud-native, multi-tenant infrastructure, driving platform reliability (SRE), and leading high-performing teams to deliver resilient, secure, and cost-efficient solutions.

Expert in Infrastructure as Code (Terraform, Ansible), Kubernetes-based modernization, and CI/CD engineering (GitLab, Azure DevOps, Argo CD). Adept at defining infrastructure strategy, scaling hybrid cloud operations, and embedding governance, observability, and FinOps practices into every stage of the delivery lifecycle.

Recognized for enabling organizations to accelerate cloud adoption, reduce operational costs, and enhance service availability through automation-first engineering and strategic stakeholder collaboration.

Core Competencies

- **Cloud Platforms:** AWS, Azure, GCP, VMware VCD
- **Infrastructure as Code (IaaS):** Terraform
- **Security & Governance:** Azure Key Vault, Hashi Corp Vault, Google Secret Manager
- **Containerization:** Docker, Kubernetes, Rancher, Helm, K3s
- **CI/CD:** Gitlab, Jenkins, Argo CD, Azure DevOps, GitHub Actions
- **Configuration Management:** Ansible
- **OS:** Linux, Windows
- **Language:** Shell, PowerShell, Python

Certifications & Credentials

- Hashi Corp Certified: Terraform Associate (002) - CERTIFICATION ID: 7b0e22a8-e034-418f-bf83-a4be4c165cca
- Certified Kubernetes Administrator - CERTIFICATION ID: LF-461xloz5gg
- Red Hat Certified System Admin (RHCSA) - CERTIFICATION ID: 210-059-895
- Red Hat Certified Engineer (RHCE) - CERTIFICATION ID: 210-059-895
- Microsoft Certified – Azure Fundamentals - CERTIFICATION ID: I301-9677
- Lean Six Sigma White Belt Certified - CERTIFICATION ID: 0bjqBI559M
- Docker Certified Associate - <https://credentials.docker.com/4861a2b1-e053-43fb-af95-abcd909c2bb9>
- AWS Certified Solutions - Associate Validation Number: EJ5ZXM11B1VE1GGR

Professional Experiences

THOUGHTWORKS TECHNOLOGIES (I) PVT LTD
May 2025 – Present

SENIOR INFRASTRUCTURE CONSULTANT

Project - TBC

Roles & Responsibilities:

- Leading cloud transformation initiatives across hybrid (Azure, AWS, vSphere) environments, focusing on scalability, observability, and cost-optimized infrastructure delivery.
- Architected TW code analysis application (Code Concise) to client environment using docker-compose and K3s which is single node k8s cluster management.
- Designing Infrastructure-as-Code (Terraform) modules to provision vSphere-based VMs and automate environment builds for multi-tenant projects.
- Reduced CI/CD pipeline build time from 80 minutes to 18 minutes by re-engineering pipeline templates and parallelizing build stages—boosting developer productivity.
- Partnered with cross-functional teams (QA, Dev, Security) to integrate automated test environments, saving \$120 K annually through use of open-source frameworks.
- Created an internal application for carpooling (Ride-and-Vibe) using GCP Cloud Run and Cloud SQL.
- Mentoring DevOps engineers on IaaS best practices, GitOps workflows, and cloud governance to create a culture of automation and platform reliability.

ORANGE BUSINESS, GURGAON
August 2021 – May 2025

CLOUD CONSULTANT

Roles & Responsibilities:

- Spearheaded design and delivery of reusable 'Golden Templates' and Terraform modules for AWS, Azure, and GCP, standardizing environment provisioning and reducing time-to-market by 50%.
- Established multi-cloud governance and security automation through Key Vaults, Vault policies, and integrated compliance scanning.
- Developed end-to-end CI/CD pipelines in GitLab for automated image builds, artifact promotion, and environment deployments; migrated legacy Concourse pipelines to GitLab CI.
- Created custom Docker images to optimize container build times and reduce image size by 30%.
- Authored Ansible Playbooks to harden OS security per Qualys reports and enforce compliance baselines across >500 instances.
- Led an 8-member DevOps team delivering cross-cloud automation, ensuring sprint delivery under Agile methodology and aligning with global platform engineering standards.
- Implemented centralized monitoring and alerting for multi-tenant environments using Prometheus + Grafana, improving system visibility and reducing downtime.

Bank of America Continuum India, Gurgaon
August 2016 – August 2021

ANALYST - APPS PROG

Roles & Responsibilities:

- Developed modular Terraform codebases to provision AWS infrastructure components, promoting reusability and compliance across business units.
- Automated OS patching, AMI creation, and instance lifecycle tasks via Ansible, ensuring zero-touch operations for >1000 servers.
- Implemented infrastructure hardening by addressing CVEs across OS, Docker images, and binary dependencies, improving security compliance by 25%.
- Created Ansible playbooks for proactive system health checks and rollback-enabled migrations from VAS to SSSD authentication.

- Collaborated with InfoSec to integrate GIS scans into the patching workflow, ensuring compliance.
- Supported scaling of client environments via AWS Auto Scaling groups, delivering consistent performance for high-traffic applications.

IBM INDIA PVT LTD, NOIDA, INDIA
March 2015 - July 2017

SYSTEM ADMINISTRATOR LINUX

Roles & Responsibilities:

- Administered >2500 Linux and ZLinux servers across production, development, and DR environments in the Australia region.
- Executed OS lifecycle management, user administration, and patch orchestration using YUM and Infoman/Maximo ticketing systems.
- Automated quarterly patching and maintenance cycles, improving uptime compliance to 99.8%.
- Managed LVM and disk-related issues, ensuring high data integrity and minimal downtime.
- Provided root-cause analysis and remediation for incidents, maintaining SLA targets across critical systems.

Education

- B.Tech (Applied Electronics & Instrumentation), Kurukshetra University, 2010-2014
- Higher Secondary (10+2th, Non-Medical), Shah Satnam Ji Boys' School, CBSE, 2010
- Secondary (10th), Dayaram Public School, CBSE, 2008

CORRESPONDENCE ADDRESS

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