

ARYAN TUSHAR GUPTA

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Kolkata , West Bengal , India

PROFESSIONAL SUMMARY

Hands-on DevOps Engineer with 3+ years of experience automating infrastructure and deployments using Terraform, Jenkins, and AWS. Skilled in Agile, fast-paced environments, collaborating with cross-functional teams to deliver CI/CD excellence and scalable solutions across healthcare and automotive industries.

EXPERIENCE

Deloitte

May 2025 - Present

DevOps Consultant

Kolkata, WB

- Executed **SAP infrastructure migration** across AWS Organizations using **Terraform modules**, provisioning **45+ EC2 instances** for both application and DB layers.
- Implemented secure networking with **subnet segmentation** and IAM-based access control across environments.
- Led the migration of database servers to cloud environment with zero downtime, and consulted stakeholders on migration strategy, risk mitigation, and performance optimization.
- Configured **cross-account access** to AWS services (S3, EFS) using IAM roles, bucket policies, and **VPC peering**.
- Automated deployment and validation of infrastructure readiness agents on migrated **SUSE** servers using **Ansible**.
- Performed peer code reviews and maintained **infrastructure documentation**, including SDDs, SOPs, and runbook.

Accenture Solutions Pvt. Ltd.

March 2022 - May 2025

Cloud DevOps Engineer

Kolkata, WB

- Led infrastructure delivery in Agile sprints, collaborating with architects and application teams to provision cloud environments and ensure zero-downtime application cutovers.
- **Developed reusable Terraform modules** to provision and manage **AWS resources** (EC2, S3, VPC, IAM, Route 53, ELB), ensuring infrastructure compliance and minimizing security risks.
- Developed and deployed **containerized** services on **EKS**, enabling scalable and resilient application infrastructure.
- Implemented **Jenkins** and **GitLab CI/CD pipelines**, including multi-environment workflows, enabling consistent, repeatable deployments and cutting deployment time by **50%**.
- Built **DataDog** dashboards with custom metrics and integrated **PagerDuty** alerts through Terraform, reducing system downtime by **40%** through faster MTTR and MTTR.
- Provided on-call support ensuring **high availability (HA)**, SLA compliance, and minimal impact during incidents.

SKILLS

Cloud Platforms: AWS, Azure

Operating Systems: Linux Administration, Windows OS

IaC & Automation: Terraform, CloudFormation, GitLab CI/CD, Jenkins, Ansible

Containerization: Docker, Kubernetes (EKS, ECS)

Monitoring & Alerts: DataDog, CloudWatch, PagerDuty

Developer Tools: VS Code, GitHub, CI/CD, GitLab Actions, JIRA

Languages: Python, Terraform, Shell Scripting, YAML/JSON

EDUCATION

University Of Mysore

Bengaluru, KA

Master of Computer Applications (MCA)

Oct 2022 - Feb 2024

Gossner College Ranchi

Ranchi, JH

Bachelor of Science in Information Technology

Oct 2018 - Dec 2021

CERTIFICATIONS

SAA-C03 : AWS Certified Solutions Architect - Associate

AZ-305 : Microsoft Certified Azure Solutions Architect Expert

AZ-400 : Microsoft Certified DevOps Engineer Expert

ACHIEVEMENTS

Recognized with the "Client Value Creation" Award for four consecutive quarters for designing fault-tolerant architectures and optimizing workflows, resulting in **99.9% system uptime**.