

# ARYAN TUSHAR GUPTA

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Kolkata , West Bengal , India

## PROFESSIONAL SUMMARY

DevOps Engineer with 3 years of experience in automating infrastructure, optimizing CI/CD pipelines, and deploying scalable cloud solutions using Terraform, AWS, and Azure. Expertise in containerization, monitoring, and improving system reliability in industries such as automotive and healthcare.

## EXPERIENCE

### Accenture Solutions Pvt. Ltd.

March 2022 - Present

Cloud DevOps Engineer

Kolkata, WB

- Closely collaborated with the development and cross-functional team to resolve infrastructure, technical, and functional issues for clients.
- Automated **PagerDuty incident management workflows** using **Terraform modules**, reducing **MTTR** by **70%**.
- Enhanced system observability by automating **SLI-based monitoring** using **DataDog**, leading to a **40%** reduction in downtime and improved alignment with defined **SLOs**.
- Implemented **IaC practices** and **GitLab CI/CD pipelines**, including **multi environment workflows**, enabling consistent, repeatable deployments and cutting deployment time by **50%**.
- Designed and deployed scalable **cloud-native architectures** on AWS, achieving a **20%** cost reduction through optimization of **reserved instances** and storage.
- Migrated **Fortify SSC** to **Azure AKS**, using container orchestration for enhanced scalability and **fault tolerance**.
- Leveraged **Docker** and **Kubernetes** to ensure seamless and efficient **containerization** of diverse applications.
- Configured **CloudWatch logging** and tracing, reducing **MTTD** by **30%** and facilitating efficient root cause analysis.
- Monitored system **SLAs** using **DataDog**, creating **dashboards** for real-time insights and alerts in various channels.
- Provisioned and configured **AWS resources** (EC2, S3, API Gateway, ELB, ALB, Route 53, VPC, Security Groups, NACLs) using **Terraform Modules**, ensuring compliance and minimizing security risks.
- Authored project deliverables, including **Runbooks** and **SOPs** for seamless project onboarding.
- Containerized applications using **AWS EKS** and **ECS** for efficient **microservices** deployment, enhancing reliability.
- Supported production systems with **on-call responsibilities**, maintaining **high availability (HA)** and adhering to **SLAs**, ensuring minimal customer impact during incidents.

## SKILLS

**Cloud Platforms:** AWS (EC2,S3,IAM), Azure

**Operating Systems:** Linux Administration, Windows OS

**IaC & Automation:** Terraform, CloudFormation, GitLab CI/CD, Azure DevOps

**Monitoring Tools:** DataDog, Prometheus, Grafana, CloudWatch, PagerDuty

**Containerization:** Docker, Kubernetes (EKS, ECS)

**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**.