Sourav Kuila

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SUMMARY

Experienced DevOps Engineer with over **3 years of experience** in automating, optimizing, and managing cloud infrastructure on **Microsoft Azure**. Proven expertise in **Terraform, Docker, Kubernetes (AKS)**, and designing scalable **CI/CD pipelines**. Strong background in infrastructure-as-code, cloud security, and continuous monitoring using **Prometheus** and **Grafana**. Adept at collaborating with cross-functional teams to streamline software delivery, enhance system performance, and ensure high availability in production environments.

TECHNICAL SKILLS

- **Cloud Services:** Azure

- **DevOps and Automation:** Terraform, GitHub Actions, Docker, Kubernetes

- **Tools & CLI:** Azure CLI, Azure Storage, Git, Azure Pipelines, ADO

- **Monitoring & Logging:** Prometheus, Grafana

- **Security & Compliance:** TFSec, TFLint

EXPERIENCE

Capgemini Technology Services   July 2022 – Present
Senior DevOps Engineer   *Bangalore, India*

- Designed and maintained Infrastructure-as-Code (IaC) using **Terraform** to automate provisioning of Azure cloud infrastructure, reducing manual configuration time.
- Built and managed scalable **CI/CD pipelines** using **YAML** for seamless integration and delivery, improving deployment frequency and stability.
- Provisioned secure and scalable cloud resources such as **Azure VMs, Load Balancers, VNet, NSG, Key Vaults**, and **Storage Accounts** ensuring high availability and adherence to best practices.
- Leveraged **Docker** to containerize applications, enhancing deployment speed, portability, and environment consistency across development, testing, and production workflows.
- Provisioned **AKS Kubernetes** clusters using **Terraform** and deployed pods with **kubectl CLI** from **Docker images**.
- Implemented real-time **monitoring and alerting** using **Prometheus** and **Grafana**, enhancing system reliability and reducing downtime.
- Worked closely with development and QA teams to improve build-test-release cycles and reduce infrastructure-related incidents.

CERTIFICATIONS

- **Microsoft Certified: Azure Administrator Associate**   *May 2025*
- **Microsoft Certified: Azure Fundamentals**   *Sep 2023*
- **AWS Certified Developer – Associate**   *Sep 2024*
- **AWS Certified Cloud Practitioner**   *Oct 2022*
- **Google Cloud Digital Leader**   *Nov 2022*
- **Generative AI Fundamentals**   *Jun 2023*
- **Agile Software Development – Coursera**   *Oct 2022*

EDUCATION

Bachelor of Technology- Biotechnology   Chennai, Tamil Nadu
SRM Institute of Science and Technology   *June 2018 – May 2022*
CGPA: 8.59/10

Higher Secondary Education- Science   Bhubaneswar, Odisha
Vikash Residential School   *June 2015 – March 2017*
percentage : 80.6%