# 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. 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%