

# Sourav Kumar Kuila

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## SUMMARY

**Senior DevOps Engineer** with **3 years** of strong background in **Azure DevOps**. Experienced in designing and managing scalable cloud infrastructures using **Terraform** and streamlining deployments through **CI/CD pipelines**. Skilled in **Docker** for containerization and **Kubernetes** for orchestrating and managing containerized applications.

## 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

*Senior DevOps Engineer*

July 2022 – Present

*Bangalore, India*

- Developed and optimized **Infrastructure as Code (IaC)** using **Terraform** to automate Azure resource provisioning, improving deployment efficiency and reducing manual efforts by 80%.
- Built reusable and parameterized **Terraform modules** for managing **Azure storage, compute, and networking**, ensuring efficient infrastructure reusability and maintainability.
- Designed and managed scalable **CI/CD pipelines** using **YAML** in **Azure DevOps**, enabling automated builds, testing, and deployments, which increased release frequency and improved deployment reliability.
- Provisioned and managed secure, scalable **Azure resources** including **VM, Load Balancers, VNet, NSG, Key Vaults, and Storage Accounts**, ensuring high availability and cost-efficient cloud infrastructure.
- Leveraged **Docker** to build and manage containerized applications, reducing environment-related issues and enabling faster, more reliable deployments.
- Managed and optimized **Azure Kubernetes Service (AKS)** clusters to run resilient, scalable containerized applications in production ensuring high availability and seamless deployments.
- Implemented real-time **monitoring and alerting** using **Prometheus** and **Grafana** enhancing system reliability and reducing downtime.

## 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

*SRM Institute of Science and Technology*

CGPA: 8.59/10

Chennai, Tamil Nadu

*June 2018 – May 2022*

### Higher Secondary Education- Science

*Vikash Residential School*

percentage : 80.6%

Bhubaneswar, Odisha

*June 2015 – March 2017*