

# DEEPIKA KUMARI

DEVOPS ENGINEER - Azure Cloud Infrastructure, Kubernetes & CI/CD Automation Pipelines

✉ [deepika.kri0502@gmail.com](mailto:deepika.kri0502@gmail.com) ☎ (+1) 343-843-6322 📍 Ottawa in [LinkedIn](#)

## PROFILE SUMMARY

---

**DevOps Engineer** with 9+ years of experience in Azure cloud infrastructure, Kubernetes orchestration, and CI/CD automation. Expertise in Terraform-based IaC, GitOps workflows, and AKS platform engineering. Improved tracking of deployment reliability, security integration, and system scalability across enterprise and multi-cloud environments through automation, monitoring, and DevSecOps best practices and 98% efficient improvement initiatives.

## SKILLS

---

- **Cloud & Containers:** Azure (AKS, VMs, DevCenter, Key Vault), AWS, GCP, Docker, Kubernetes, OpenShift
- **IaC & Automation:** Terraform, ARM, Bicep, Ansible, Helm, Provisioning, Config Mgmt, Release Automation
- **CI/CD Toolchain:** Azure DevOps, GitHub Actions, Jenkins, GitLab, Nexus, SonarQube, Pipelines, Artifacts
- **Monitoring & Reliability:** Prometheus, Grafana, ELK, Azure Monitor, KQL, Alerts, SLO/SLI, Runbooks
- **Systems & Security:** Bash, PowerShell, Python, Go, RBAC, DNS, TLS, Linux, Windows, ITSM, Firewalls

## WORK EXPERIENCE

---

### Senior DevOps Engineer

September 2024 – November 2025

*DataArt*

*Canada*

- Standardized CI/CD pipelines with reusable YAML templates, improving deployment consistency by 45%.
- Implemented AI-driven PR validation workflows, reducing manual code review by 40% across global teams.
- Built ephemeral Service Fabric environments enabling provisioning, tear down cycles, cutting time by 60%.
- Replatformed microservices to AKS using Helm auto-scaling probes, improving platform resiliency by 35%.

### Team Lead

August 2023 – May 2024

*Accenture Co. Ltd.*

*Tokyo, Japan*

- Migrated enterprise pipelines into reusable Python CI/CD frameworks, reducing deployment turnaround by 25%.
- Designed multi-cloud proof environments on EKS & GKE, validating scalability and cost trade-offs by 30%.
- Established GitOps workflows with drift detection & automated sync improving governance traceability by 38%.
- Guided engineers & defined SLO-driven roadmaps, improving delivery predictability, milestone accuracy by 33%.

### DevOps Engineer

July 2022 – July 2023

*Rakuten Group Inc.*

*Tokyo, Japan*

- Developed end-to-end Jenkins pipelines automating build, test, deployment, improving delivery speed by 36%.
- Provisioned secure AKS clusters using Terraform reusable modules, improving infrastructure scalability by 41%.
- Configured Helm releases with auto-scaling safeguards, enhancing uptime stability, handling peak traffic by 32%.
- Integrated Trivy and SonarQube gates, reducing vulnerability exposure and enforcing code quality by 29%.

### DevOps Engineer

August 2019 – May 2022

*Tata Consultancy Services*

*Tokyo, Japan*

- Built Jenkins pipelines for Tanzu microservices, improving release traceability, environment visibility by 34%.
- Automated operational scripts using Python, PowerShell, Bash, reducing manual workload of teams by 30%.
- Standardized access governance of platforms, strengthening enterprise security compliance enforcement by 27%.
- Enhanced monitoring dashboards and tuned alerts, accelerating incident triage response time by 31%.

### System Engineer

July 2016 – July 2019

*Tata Consultancy Services*

*India*

- Deployed Azure IaaS environments using automation templates, improving provisioning efficiency by 40%.
- Led cloud migration projects to Azure platforms, reducing infrastructure downtime impact by 35%.
- Implemented disaster recovery solutions, improving system resilience and availability metrics by 45%.
- Streamlined database and administrative operations, increasing uptime stability and performance by 30%.

## EDUCATION

---

### Bachelor of Technology in Computer Science & Engineering

August 2012 – June 2016

*Orissa Engineering College, Bhubaneswar, India*

## CERTIFICATIONS & ACCOMPLISHMENTS

---

- **Certified Kubernetes Administrator (CKA)**, The Linux Foundation 2024
- **On-the-Spot Award**, Tata Consultancy Services (TCS)
- **Service & Commitment Award**, Tata Consultancy Services (TCS)
- **Best Rookie Award**, Tata Consultancy Services (TCS)
- **Top Performer in Initial Learning Profile**, Tata Consultancy Services (TCS)