

RISHU RAVI RAJ

DevOps Engineer

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SUMMARY

Experienced DevOps Engineer with a strong background in infrastructure automation and cloud operations. Proficient in **Terraform** for Infrastructure as Code, **Docker** for containerized deployments, and **Kubernetes** for orchestration. Hands-on expertise with **Microsoft Azure**, including Azure CLI, Storage, and security best practices. Skilled in Git for version control and Azure Pipelines for building scalable, Mechanized CI/CD workflows.

Soft Skills :

Agile, Team collaboration, Communication, Problem-Solving, Proactive Learning, Accountability, Leadership

Learning Tools: GitHub Actions, Checkov

TECHNICAL SKILLS:

Cloud & OS: Azure, Linux

Containers & IaC: Docker, Terraform, Kubernetes

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

Security & Compliance: TFsec (Terraform Security Scanner), TFLint (Terraform Linter)

Monitoring: Prometheus, Grafana

PROFESSIONAL EXPERIENCE

Tata Consultancy Services - DevOps Engineer

Kolkata/India | May,2022– Present (3yr+)

- Configured and managed **Azure Entra ID** for identity and access control, enabling secure authentication and enforcing **role-based access (RBAC)** across cloud applications.
- Designed and architected **Azure Virtual Networks (VNet)**, subnets, and **Network Security Groups (NSGs)** to establish a secure and scalable network topology.
- Provisioned and administered **Azure Compute resources** including Virtual Machines (VMs), **Scale Sets**, and **AKS** to support highly available workloads.
- Reduced manual intervention by 50% by implementing **CI/CD pipelines** and efficient deployment workflows using Azure Pipelines and Git integration
- Leveraged **Infrastructure as Code (IaC)** using **Terraform** to orchestrate Azure networking and compute infrastructure with consistency and scalability.
- Managed **Azure Kubernetes Service (AKS)** clusters to support resilient and scalable containerized applications in production environments.
- Defined and maintained core **Kubernetes objects** such as Pods, Deployments, Services, PVs, and PVCs to streamline application lifecycle management.
- Engineered repeatable and automated provisioning of infrastructure across development, staging, and production using modular **Terraform templates**.
- Utilized **Docker** to containerize applications, improving deployment speed, portability, and consistency across multiple environments.
- Built reusable and parameterized **Terraform modules** for managing Azure storage, compute, and networking, ensuring efficient infrastructure reusability and maintenance.

Education:

REC, Ramgarh (Aug,2021)

BTech (7.8CGPA)

LANGUAGES: Hindi, English, Bangla

INTERESTS: Photography, Playing With AI tools