

PRANAV KUMAR

DevOps & Azure Cloud Engineer | 7+ Yrs | AKS | Terraform | Azure DevOps & GitHub Actions CI/CD | Cloud Migration

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PROFESSIONAL SUMMARY

DevOps and Cloud Engineer with 7+ years of experience designing, automating, migrating, and operating infrastructure on Microsoft Azure and AWS, currently at Publicis Sapient. Builds CI/CD pipelines in Azure DevOps, GitHub Actions, and Jenkins with SonarQube and Qualys gates; automates infrastructure with Terraform and Ansible; runs production Kubernetes (AKS) with Istio, KEDA, and blue-green deployments; has led 50+ enterprise workload migrations (AWS-to-Azure, cross-tenant); and secures platforms with Key Vault, Azure Security Center, and hub-and-spoke networking. Azure certified (AZ-900, DP-300). Delivered a 94% reduction in AKS deployment time, 30% lower cloud cost, and 30% fewer production incidents.

CORE SKILLS

Cloud Platforms: Microsoft Azure (AKS, App Services, Functions, Application Gateway, Key Vault, Azure Firewall, ExpressRoute, VNet, Azure Monitor, Azure Migrate, Data Factory, Synapse, HDInsight, Redis, Logic Apps), AWS (EC2, S3, VPC, IAM)

DevOps & CI/CD: Azure DevOps Pipelines, GitHub Actions, Jenkins, Git, CI/CD Pipeline Design, Blue-Green and Zero-downtime Deployments, Release Management, SonarQube, Qualys, DevSecOps, Agile/Scrum

Containers & IaC: Kubernetes (AKS), Docker, Helm, Istio Service Mesh, KEDA Autoscaling, Terraform (Modules, State, Multi-environment), ARM Templates, Ansible, Multi-environment Architecture (Dev/UAT/Prod)

Migration, DR & Security: AWS-to-Azure and Cross-tenant Migration, Cloud Readiness Assessment, Hub-and-Spoke Networking, SQL Failover Clusters, Active-Passive Disaster Recovery, Azure Security Center, AD B2C, MFA, ISO Audit Readiness

Monitoring, Scripting & Tools: Dynatrace, Azure Monitor, Log Analytics, Alerting and Incident Management, Apache JMeter, Python, PowerShell, Bash, YAML, Java, Linux and SQL Administration, JIRA, Confluence

PROFESSIONAL EXPERIENCE

DevOps Engineer | Publicis Sapient, Gurugram / Bengaluru

Jun 2024 – Present

- Reduced AKS pipeline deployment time by 94% by restructuring CI/CD workflows, optimising caching, and integrating SonarQube quality gates.
- Implemented blue-green deployment strategy for production cutovers with near-zero transactional loss, earning client commendations.
- Lowered cloud infrastructure cost by 30% with KEDA-based autoscaling and revised resource thresholds; cut production incidents by 30% through Dynatrace alerting and log-based anomaly detection.
- Automated provisioning of PaaS services (AKS, Application Gateway, HDInsight, Redis, Logic Apps, Functions, Key Vault, databases) with modular Terraform, improving provisioning efficiency by 20%.
- Architected multi-environment infrastructure (Dev, UAT, Prod) and executed cloud data migrations with Apache Beam with consistent performance across environments.
- Resolved Redis architecture issues and tuned SQL queries with development teams, improving response time by 10% and database throughput.
- Integrated Qualys security scanning and environment-level Bill of Materials (BOM); supported ISO audit readiness and certification.

Cloud Engineer – Azure Support, Implementation & Migration | G7CR Technologies, Bengaluru

Oct 2019 – May 2024

- Migrated 50+ enterprise workloads to Azure (AWS-to-Azure, cross-region, cross-subscription, cross-tenant), improving system performance and efficiency by 20%.
- Designed, configured, and optimised Azure compute services including Virtual Machines, App Services, Functions, and Kubernetes clusters.
- Built SQL failover clusters with minimal downtime for banking clients and designed active-passive disaster recovery strategies to strengthen business continuity.
- Deployed hub-and-spoke networks with VPN, Azure Firewall, and ExpressRoute for secure hybrid connectivity; implemented Windows Virtual Desktop and Citrix on Azure.
- Strengthened security posture with Azure Security Center, Key Vault, AD B2C, and multi-factor authentication; integrated CI/CD pipelines via Azure DevOps and GitHub Actions.
- Migrated AWS S3 data to Azure Blob Storage with Azure Data Factory and Synapse pipelines; ran cloud readiness assessments with Azure Migrate and Linux scripts.

EDUCATION & CERTIFICATIONS

Bachelor of Technology (B.Tech), Computer Science & Engineering | Arya College of Engineering & IT, Jaipur

2019

Certifications: Azure Fundamentals (AZ-900) | Azure Database Administrator Associate (DP-300) | Red Hat RHCSA & RHCE | LPIC-1 | MTA Networking (98-366)