# ROSHAN K

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## *PROFESSIONAL SUMMARY*

DevOps, SRE, and Cloud Engineer with 6 + years of hands-on experience designing, securing, and operating reliable infrastructure for large-scale enterprise platforms. Deep expertise in DevSecOps practices, CI/CD automation, container orchestration, and infrastructure as code across both cloud and on-prem environments. Proven ability to collaborate effectively with application, security, and operations teams to deliver stable, compliant, and highly available systems. Strong background in production reliability, incident management, and operational excellence for business-critical workloads. Experienced in modernizing legacy platforms, improving deployment consistency, and reducing operational risk through automation and standardization. Recognized for building resilient systems that balance security, performance, and delivery speed in fast-paced environments.

## *EDUCATION*

Master of Science in Information Technology Management

Indiana Wesleyan University — Marion, Indiana

## *TECHNICAL SKILLS*

Cloud & Infrastructure Platforms: AWS, Microsoft Azure

Container Platforms: Docker, Kubernetes, Helm

Infrastructure as Code & Automation Terraform, Ansible, Packer

CI/CD & Release Engineering: Jenkins, GitHub Actions, GitLab CI/CD, Azure DevOps Pipelines

Observability & Reliability

Prometheus, Grafana, ELK Stack, Splunk: Cloud-native monitoring, alerting, and logging

Security & DevSecOps: IAM, Secrets Management, RBAC, Vulnerability Scanning, Policy Enforcement, Secure CI/CD

Operating Systems & Environments: Linux (RHEL, Ubuntu), Windows Server On-prem, Cloud, and Hybrid Environments

Scripting & Configuration: Python, Bash, YAML

Networking & Systems Fundamentals: Load Balancing, DNS, Firewalls, TLS/SSL, High Availability, Fault Tolerance, Capacity Planning

Version Control & Collaboration: Git, GitHub, GitLab

## *ROLES AND RESPONSIBLITIES:*

DEVSECOPS ENGINEER | TRANSUNION — CHICAGO, ILLINOIS | JANUARY 2025 – PRESENT

As a DevSecOps Engineer at TransUnion, I work on AWS-based enterprise platforms supporting highly regulated, security-sensitive workloads. My role focuses on embedding security controls directly into cloud infrastructure, CI/CD pipelines, and Kubernetes platforms while maintaining high availability, compliance, and audit readiness. I partner closely with security, platform, and application teams to enforce secure-by-design practices without slowing delivery.

- Designed and operated secure AWS cloud infrastructure (EC2, EKS, IAM, VPC, ALB, CloudWatch) with built-in network segmentation, encryption, and access controls to support regulated production workloads across multiple environments.

- Implemented Infrastructure as Code using Terraform with security guardrails, standardized modules, and policy-aligned configurations to prevent misconfigurations and reduce infrastructure risk across accounts.
- Embedded DevSecOps controls into CI/CD pipelines using Jenkins and GitHub Actions, integrating secrets management, IAM-based authentication, and automated security checks to enforce shift-left security practices.
- Managed Kubernetes security posture on AWS EKS by supporting secure cluster configurations, controlled deployment strategies, and isolation of workloads to minimize blast radius and deployment risk.
- Implemented centralized security monitoring and observability using CloudWatch, Prometheus, and Grafana to detect anomalous behavior, availability risks, and operational security issues in production systems.
- Supported security-focused incident response by participating in on-call rotations, performing root cause analysis, and driving remediation for security, reliability, and availability incidents.
- Enforced least-privilege access, role-based access control (RBAC), and environment isolation across AWS, Kubernetes, and CI/CD pipelines in collaboration with security and compliance teams.
- Authored and maintained cloud security standards, DevSecOps runbooks, and audit documentation to support compliance reviews, security assessments, and consistent operational execution.

**DEVOPS CLOUD ENGINEER | DOLLAR GENERAL — GOODLETTSVILLE, TN | JUNE 2023 – DECEMBER 2024**

As a DevOps Cloud Engineer at Dollar General, I supported Azure-based cloud platforms used by large-scale retail and supply-chain systems. My role focused on building reliable cloud infrastructure, standardizing CI/CD pipelines, and improving operational efficiency through automation. I worked closely with development and operations teams to modernize cloud environments while maintaining stability and cost control.

- Built and managed Azure infrastructure using services such as AKS, Virtual Networks, Load Balancers, Storage Accounts, and Azure Monitor to support enterprise applications with high availability, scalability, and secure network configurations.
- Used Terraform and Azure-native automation to provision and manage cloud resources consistently across multiple environments, improving deployment reliability, reducing manual configuration, and accelerating environment setup.
- Designed and maintained CI/CD pipelines using Azure DevOps and GitHub Actions to automate build, test, and deployment workflows, improving release consistency and reducing deployment-related failures.
- Supported Kubernetes-based container platforms running on Azure, ensuring cluster stability, capacity planning, and smooth deployment of microservices-based applications across development and production environments.
- Implemented logging, monitoring, and alerting using Azure Monitor, Log Analytics, and Grafana to improve operational visibility, performance tracking, and faster troubleshooting of production issues.
- Partnered closely with application teams to improve deployment workflows, promote DevOps best practices, and reduce manual operational effort throughout the software delivery lifecycle.
- Assisted with cloud cost optimization initiatives by analyzing resource usage, identifying underutilized services, and supporting right-sizing and cleanup efforts to improve cost efficiency.
- Created detailed runbooks and operational documentation to support on-call teams, incident response, and consistent production support processes across cloud environments.

**SITE RELIABILITY ENGINEER (SRE) | PROCTER & GAMBLE (P&G) — CINCINNATI, OH | JANUARY 2022 – MAY 2023**

As a Site Reliability Engineer at P&G, I supported mission-critical on-prem and hybrid enterprise systems with a strong focus on availability, performance, and operational stability. My role emphasized reliability engineering, automation, and disciplined incident management for large-scale production environments supporting core business operations.

- Supported large-scale on-prem production systems running on Linux and Windows Server, ensuring high availability, performance stability, and adherence to strict service-level objectives for business-critical applications.
- Automated infrastructure provisioning, configuration management, and recurring operational tasks using Ansible, Bash, and Python, reducing manual intervention, improving consistency, and minimizing operational risk.
- Implemented monitoring, alerting, and dashboards using Prometheus, Grafana, and enterprise monitoring tools to provide real-time visibility into system health, performance trends, and potential reliability risks.
- Participated in on-call rotations and provided hands-on support during production incidents, taking ownership of issue resolution, service restoration, and communication with stakeholders.
- Led root cause analysis efforts following major incidents and outages, working closely with engineering teams to identify underlying issues and implement long-term corrective actions.
- Developed and maintained runbooks and operational procedures to standardize incident response, reduce mean time to recovery, and improve team readiness during critical events.
- Collaborated with application and infrastructure teams to improve system resilience, performance tuning, and capacity planning across on-prem and hybrid environments.
- Contributed to modernization initiatives by introducing automation, monitoring, and DevOps practices into traditional on-prem operations and support workflows.

**DEVOPS ENGINEER | COSMICVENT SOFTWARE PVT. LTD. — HYDERABAD, INDIA | JANUARY 2019 – JUNE 2021**

At Cosmicvent Software, I built foundational DevOps capabilities supporting AWS-hosted SaaS applications. This role provided hands-on experience with cloud infrastructure, CI/CD automation, and containerization, while working closely with developers to establish reliable deployment pipelines and scalable operational practices.

- Designed and managed AWS infrastructure using services such as EC2, S3, RDS, IAM, and VPC to support SaaS web applications and backend services with reliable performance and secure access controls.
- Built CI/CD pipelines using Jenkins and Git to automate application builds, testing, and deployments across development, staging, and production environments, improving release consistency and speed.
- Containerized applications using Docker and supported early Kubernetes adoption to standardize runtime environments, reduce environment-related issues, and improve deployment reliability.
- Implemented monitoring and logging solutions using CloudWatch and open-source tools to improve application visibility, performance tracking, and proactive detection of operational issues.
- Supported release management and production deployments, troubleshooting infrastructure and deployment-related issues to ensure smooth application rollouts.

- Worked closely with development teams to streamline release processes, reduce deployment friction, and encourage adoption of DevOps best practices.
- Assisted with infrastructure security, access controls, and environment hardening to improve baseline security posture across cloud environments.
- Maintained infrastructure diagrams, deployment documentation, and operational guides to support onboarding, troubleshooting, and long-term maintainability.