

Rakesh Vudutha

Staff Release Engineer · Site Reliability & DevOps

Secaucus, NJ · rvudutha047@gmail.com · (201) 936-1708 ·
[linkedin.com/in/rakesh-vudutha-97171726a](https://www.linkedin.com/in/rakesh-vudutha-97171726a)

Professional Summary

Staff Release Engineer and Site Reliability Engineer with 4+ years owning enterprise **GitLab** and end-to-end **release management** for business-critical ERP and enterprise platforms — delivering successful, zero-downtime production releases with strong automation, reliability, and compliance across on-premises and cloud environments. **I manage all deployments end to end and have automated every previously-manual release**, turning hand-run deployments into repeatable, zero-touch pipelines.

Technical Skills

Category	Technologies
GitLab & Release	GitLab, GitLab CI/CD administration, Release Management, Azure DevOps, Jenkins, GitHub Enterprise, Git, Bitbucket
Orchestration	HashiCorp Nomad, Consul, Kubernetes, Docker
CI/CD & Automation	CI/CD pipelines, Ansible, Python, PowerShell, Bash, Azure CLI, MS Deploy, Kudu
Cloud	Azure (App Services, VMs, AKS), AWS (EC2, S3, RDS, VPC, IAM, Lambda, CloudWatch), GCP
Security & Compliance	Coverity SAST, DevSecOps, SOX Compliance, Audit Controls, RBAC
Infrastructure as Code	Terraform, HashiCorp Packer, CloudFormation

Category	Technologies
SRE & Observability	Splunk, Dynatrace, Prometheus, Grafana, Nagios
Operating Systems	Linux (RHEL, Ubuntu, CentOS), Unix, Windows Server
Process & ITSM	Jira, Jira Service Management, Confluence, Agile/Scrum, Change Management & Release Approvals

Professional Experience

Sr. DevOps & Staff Release Engineer — ZT Systems

Secaucus, NJ · November 2023 – Present

- Own end-to-end **release management** for business-critical ERP and enterprise applications across UAT, Production, and Disaster Recovery — consistently delivering zero-downtime releases.
- **Manage all deployments end to end and automated every previously-manual release** — converting hand-run deployments into repeatable, zero-downtime pipelines across Azure App Services and on-premises environments.
- Administer the enterprise **GitLab** platform (repositories, runners, RBAC, branch and merge-request policies) and design **GitLab CI/CD** pipelines that automate build, test, security scanning, packaging, deployment, and post-deployment validation.
- Deploy web and API applications to **Azure App Services** through **GitLab CI/CD** and **Azure DevOps** release pipelines — using MS Deploy, Kudu, and Azure CLI with deployment slots and slot swaps for zero-downtime releases and instant rollback.
- Automate deployments with **HashiCorp Nomad and Consul** (job scheduling, service discovery, health checks) and led migration to **Nomad/Consul Enterprise**; provision infrastructure as code with **Terraform** and **Packer** across **AWS and Azure**; run containerized workloads on **Kubernetes** and **Docker**.

- Lead **SOX compliance and audit readiness** — segregation of duties, deployment approvals, change management and release approvals, documentation, and audit evidence with Internal Audit and Security.
- Own **Coverity SAST** and DevSecOps controls in CI/CD with **HashiCorp Vault** for secrets and password rotation; build observability with **Splunk, Dynatrace, Prometheus, and Grafana** to surface issues before users are impacted.
- Lead incident response, production troubleshooting, and post-incident reviews; automate operational and deployment workflows in **Python** and **PowerShell**; maintain runbooks, SOPs, and disaster-recovery documentation.

Sr. Cloud DevOps Engineer — TD Bank

Chicago, IL · August 2022 – October 2023

- Migrated and managed applications from on-premises to **AWS** (EC2, S3, RDS, ELB, VPC, Route 53, CloudFront, IAM, SQS/SNS/SES) — configuration, migration, and troubleshooting.
- Implemented **CloudWatch** alarms and **Lambda** functions for auto-scaling, fault tolerance, and self-healing; built virtual data-center infrastructure (VPC, subnets, security groups, ELB) for enterprise data-warehouse hosting.
- Led cloud infrastructure automation with **GitLab** and **Terraform**, building CI/CD pipelines in AWS and managing infrastructure as code; validated IaC with Terraform Enterprise (Sentinel) and InSpec.
- Established CI/CD pipelines with **Jenkins** and **Chef**; prototyped a **GitLab + Kubernetes + Docker** build/test/deploy system; managed repository security in Git/Bitbucket and performed SVN-to-Git migration.
- Shifted DevOps workflows to a **DevSecOps** model, embedding static and dynamic security testing across the lifecycle; monitored infrastructure with **Prometheus and Grafana**.
- Coordinated build, release, and deployment automation across application teams and scheduled weekly patch, UAT, bug-fix, and production releases.