

Vasanthi Goriparthi

DEVOPS ENGINEER – Kubernetes, Jenkins, Azure

✉ tatavasanthi21@gmail.com

☎ [+1-647-367-7256](tel:+16473677256)

📍 [Toronto](#)

in [LinkedIn](#)

🐙 [GitHub](#)

SKILLS

- **Cloud Platforms & IaC:** AWS, Azure, Terraform, CloudFormation, Ansible for provisioning cloud resources
- **Automation & CI/CD:** Jenkins, GitHub Actions, GitLab CI/CD, ArgoCD, CircleCI used to build pipelines.
- **Containers & Orchestration:** Docker, Kubernetes, Helm managed for scalable containerized app deployments.
- **Monitoring & Logging:** Prometheus, Grafana, ELK Stack, Datadog, Splunk for real-time observability.

WORK EXPERIENCE

DevSecOps Engineer

January 2024 – Present

Freedom

Ontario

- Engineered secure Azure cloud infrastructure with Azure DevOps & Kubernetes, reducing deployment time by 40% & improving resource allocation by 25% via container orchestration, service mesh, and digitized workflows.
- Orchestrated CI/CD pipelines in Azure DevOps for build, test, and release automation, accelerating feature delivery velocity by 35% and boosting production reliability through deployment and artifact management.
- Implemented Datadog for real-time monitoring, facilitating 50% faster incident detection and minimizing system downtime by 30% through cloud observability, distributed tracing, data aggregation, and metric-based alerts.
- Spearheaded IaC delivery with ARM templates & YAML pipelines, ensuring 100% infrastructure reproducibility and cut manual config drift across environment deployments using pipeline-as-code and parameter setup.

Cloud Engineer

April 2021 – December 2023

CAPCO

Ontario

- Designed Azure based environment with Terraform and Ansible, reducing provisioning time by 70% and enabling full automation across environments for scalable, fault-tolerant, and highly available service delivery solutions.
- Facilitated AKS clusters, virtual machines, and API Gateways with OAuth 2.0, boosting output capacity by 50% and microservices security by enforcing token-based authentication, role-based access control, and rate limiting.
- Automated monitoring using ELK Stack, Datadog, and XD tools, improving analysis speed by 45% and reducing mean time to resolution (MTTR) by 30% for cloud-based production incidents via alerting and anomaly detection.
- Launched containerized workloads using Docker and Kubernetes, enabling efficient horizontal scaling and reducing resource costs by 25% via optimized node utilizing, load balancing, and improved pod scheduling techniques.

DevOps Engineer / Site Reliability Engineer

March 2019 – April 2021

Lukulemon

Ontario

- Elevated high-traffic e-commerce platform to GitHub Actions and Nexus CI/CD pipeline, cutting release cycle by 40% and ensuring 99.99% uptime via automated deployment using artifact repos and YAML workflows.
- Guided development of secure AWS platforms with CloudFormation, EC2, RDS, IAM & Auto Scaling, cut time by 50% and enhanced uptime & compliance across dev/prod ecosystems using VPC peering & security groups.
- Configured observability with Datadog, Splunk, and Grafana, securing 95% alert accuracy and cutting false positives by 60% through custom dashboards, threshold-based alerts, log correlation & synthetic monitoring.
- Designed Kafka-based streaming pipelines with Kafka Connect, handling over 5 million events/day and ensuring near real-time data readiness with 99.9% message delivery success rate using schema registry and Kafka Streams.

Citrix Administrator

June 2015 – November 2017

IBM

India

- Directed operations of 9 global Citrix farms, handling 100+ tickets monthly and boosting resolution time by 35% via server monitoring, PowerShell scripting, and log analysis for remote troubleshooting and documentation.
- Applied XenApp 6.5 and XenDesktop 5.6, while ensuring 99.9% application availability across six regions and reducing access failures by 40% through refined load balancing, profile management, and session brokering.
- Optimized Citrix PVS infrastructure, reducing boot time by 25% and enhancing environment consistency using golden images across distributed VDI, leveraging image streaming, network boot and cache management.
- Evaluated configuration issues and service disruptions by collaborating with 7 international teams, elevating SLA to 99.5% and minimizing communication delays via structured ticketing, change control, and ITIL processes.

EDUCATION

Diploma in Networking & Technical Support

February 2018 – February 2019

Montreal College of Information Technology, Montreal

Master of Computer Applications

June 2010 – July 2013

Acharya Nagarjuna University, India

Bachelor of Computer Applications

March 2007 – March 2010

Acharya Nagarjuna University, India

CERTIFICATIONS

- Implementing Microsoft Azure Infrastructure Solutions
- Microsoft Azure Administrator Associate