

VAMSI KRISHNA SAMBOJU

DevOps Engineer Lead / Staff Site Reliability Engineer

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📍 Austin, Texas, USA (Willing to relocate)

SUMMARY

- Skilled DevOps Engineer Lead and Staff Site Reliability Engineer with 12 years of IT experience
- Expertise in infrastructure architecture, automation, maintenance and monitoring of AWS, Microsoft Azure, Google Cloud Platform and on-premises infrastructure
- Expertise in automation tools like Terraform, Ansible, Packer and Inspec
- Development and orchestration of containers using Kubernetes and Docker
- Expertise in automating CI/CD pipelines, providing on-call support and patch management

EXPERIENCE

Senior Site Reliability Engineer

Visa Technology and Operations LLC

📅 02/2025 - Present 📍 Austin, United States

- As part of VDP Operations Team, I ensured 24/7 availability and resilience of Visa's global transaction systems in Visa Developer Platform, supporting trillions in payments across 200+ countries.
- Developed VDP architecture expertise, led technical demos, and authored wiki documentation to improve knowledge sharing and onboarding.
- Manage and maintain Mirantis Kubernetes clusters across multiple global regions, overseeing deployments, release validations, patching, and incident troubleshooting.
- Automate complex deployment workflows using Ansible Tower, generating YAML check-in files and managing change requests, deployments, and patching through both Ansible Tower and internal Visa tools.
- Perform deployment validations including system health checks, version verifications, and log flow analysis for Spring Boot applications, NGINX web servers, and caching systems (Hazelcast, Mancenter, Ratelimiter).
- Lead on-call operations leveraging Splunk dashboards and Grafana to monitor metrics, investigate incidents, and remediate issues while ensuring SLA adherence.
- Investigate and resolve critical infrastructure incidents, coordinating with global SRE, development, and security teams to ensure stability and minimal downtime.
- Managed certificates, encrypted/decrypted keys, and patched servers for application updates and security updates in Visa data centers, ensuring compliance with standards.
- Collaborate with cross-regional teams in North America, Asia Pacific, Europe, and Turkey to align change management, deployments, and incident response procedures.
- VSP (Visa Stablecoin Platform) Project: Managed Visa's crypto platform by handling Kubernetes deployments, patching, and infra troubleshooting. Honored for timely deployments and certificate renewals for this project.
- GPP Project: Provided infrastructure support for Visa document-based form systems.
- DCP Project: Actively collaborated with US and Asia Pacific teams for application and database code deployments. I also got involved refining deployment process.
- Collaborated on Gen-AI initiatives in the team and in Visa's Hackathon for creating Infrastructure solutions using IDE's with Cline plug-in's for utilizing various AI models.
- Delivered daily operational reports and managed follow-the-sun handovers, ensuring seamless continuity across global operations.

DevOps Engineer Lead

FNR Solutions

📅 08/2024 - 01/2025 📍 Plano, USA (Remote from California)

- Architected and automated AWS services like EC2, RDS, S3, ElasticCache, Route53, SQS IAM, Secrets Manager, WAF, API gateway, EBS, ECR, ElasticSearch, Lambda
- Implemented Infrastructure as Code using Terraform, Packer, Ansible and Inspec
- Architected and developed AWS networks like VPN, IGW, WAF, Subnets, Route Tables, NAT Gateways, VPC, VPC peering, VPC endpoints across multiple AZ's
- Developed and orchestrated containers using Docker, Kubernetes and AWS ECR
- Automated CI/CD process using AWS CodeBuild, CodeDeploy and CodePipeline
- Developed Shell scripts and PowerShell scripts
- Maintained On-Premises Infrastructure of Windows and Linux Servers

SKILLS

Infrastructure

AWS, Microsoft Azure, Google Cloud Platform, Oracle Cloud and On-premises Infrastructure

Infrastructure as Code (IaC/Automation)

Terraform, Packer, Ansible, Ansible Tower and InSpec

Containers and Operating Systems

Docker, Kubernetes, AWS EKS, ECR, GCP AR, Windows, Linux, VMWare, ESX Hosts, Active Directory Management

AWS Services

EC2, ASG, RDS, EBS, S3, ElasticCache, Route53, SES, SQS, SNS, CloudFront, CloudFormation, IAM, WAF, API, KMS, Gateway, ElasticSearch, ALB, ELB, Lambda, Active Directory, Kinesis Streams, Firehose, IoT Core, X-Ray, SystemsManager, KMS, Shield, MarketPlace, Cost Explorer

CI/CD Pipelines

AWS CodeBuild/Deploy/Pipeline, Azure DevOps, GCP CloudSource / CloudBuild / CloudDeploy, Jenkins, Ansible Tower, GitHub, AWS CodeCommit, Azure DevOps Repositories

Network Management

VPC, WAF, IGW, NAT Gateways, Subnets, Route Tables, VPN, VPC peering, VPC Endpoints, Multiple AZ's

Monitoring Tools and On Call Support

AWS CloudWatch, Prometheus, Grafana, Splunk, Azure Monitoring, GCP Monitoring, NewRelic, PRTG, VictorOps

Languages & Databases

Python, Go, Java, Maven, SQL Server, MongoDB, InfluxDB, MySQL, Redis, AWS Glacier, DocumentDB, MemoryDB, DynamoDB, AWS Aurora, PostgreSQL

DevOps Tools

Terraform Cloud, Mirantis, Lens, Jfrog, N2WS Backup and Recovery, Ninja RMM, ParkMyCloud, TruffleHog, GIT-Secrets, RabbitMQ, SonarQube, Veracode

EXPERIENCE

DevOps Engineer Lead

Cleaver Brooks

📅 08/2022 - 09/2023 📍 Milwaukee, USA

- Architected AWS services to support company's Prometha web application to display IOT data. The services include EC2, RDS, S3, ElasticCache, Route53, Glacier, SES, SQS, CloudFront, CloudFormation, IAM, Secrets Manager, WAF, API gateway, EBS, ECR, ElasticSearch, Lambda, Directory Services, Kinesis Streams, and automated them using Terraform, Packer, Ansible and Inspec
- Developed and orchestrated containers using Docker, Kubernetes and AWS EKS/ECR
- Automated CI/CD process using AWS CodeBuild, CodeDeploy and CodePipeline
- Designed and implemented AWS IoT core to stream IoT data into Kinesis Streams
- Created and maintained databases like Influx DB for IoT time series data, Mongo DB for storing IoT analytical data and My SQL for storing IoT asset data
- Developed AWS Active Directory service to create and manage infrastructure access
- Provided on-call rotation support for Infrastructure maintenance and monitoring using Grafana and AWS CloudWatch
- Documented AWS infrastructure architecture, troubleshooting guides, servers/containers maintenance guides and managing IoT data and analytics
- Lead agile ceremonies, collaborated with multiple teams and trained new DevOps

DevOps Engineer

Dealer-FX

📅 03/2020 - 06/2022 📍 Toronto, Canada

- Automated and maintained AWS services like EC2, RDS, S3, Route53, Glacier, SES, SQS, CloudFront, IAM, WAF, ECR, Lambda using Terraform, Ansible, Packer and Inspec to support Dealer-FX website
- Developed and maintained multi-cloud environments of AWS and Azure clouds
- Automated CI/CD process using Azure DevOps for on-premises and multi-clouds
- Developed and orchestrated containers using Docker, Kubernetes and AWS EKS/ECR
- Developed and maintained Windows Servers to support IIS websites, Task Schedulers and custom PowerShell Scripts
- Worked with third-party security companies and AWS, Azure support teams to scan and investigate company's infrastructure for any security vulnerabilities and developed a robust and secure infrastructure
- Managed queuing systems and notification systems like RabbitMQ, AWS SQS/SNS
- Improved code quality and maintained package management tools like SonarQube, Git-Secrets, TruffleHog and JFrog artifactory
- Provided on-call rotation support using monitoring tools like AWS CloudWatch, New Relic, PRTG sensors, Victor Ops and troubleshooted issues, created Incident Reports
- Created patch management solutions to update Windows and Linux systems using AWS Systems Manager and Ninja RMM
- Trained new DevOps engineers on Infrastructure design, processes and management
- Acted as a Team Lead performing agile ceremonies like sprint planning, weekly retrospectives, backlog grooming, Epics creation, user stories creation, weekly updates and budget reports to management with collaborating with multiple teams

DevOps and Systems Engineer

Crescendo Technology

📅 08/2017 - 09/2019 📍 Toronto, Canada

- Migrated the company's on-premises infrastructure to AWS
- Developed and maintained CI/CD processes using Jenkins
- Automated AWS services like EC2, ASG, VPC, VPN, Route 53, WAF, IAM, RDS, ECR, ELB, IGW, WAF and S3 using Terraform
- Performed static analysis and security checks using SonarQube and Veracode to improve code quality and security
- Maintained source code and its quality checks using SonarQube, JFrog Artifactory
- Implemented monitoring and alerting solutions using AWS CloudWatch
- Developed YAML configurations for infrastructure orchestration using Ansible, Packer
- Created unit tests and performance tests using Jmeter
- Collaborated with multiple teams to migrate on-premises to AWS cloud

COURSES

AWS Certified DevOps Engineer Professional Certification from A Cloud Guru

Certified Kubernetes Administrator from A Cloud Guru

Google Professional Cloud DevOps Engineer Certification from A Cloud Guru

Entry Level Python Programmer Certification from A Cloud Guru

Extreme Ownership Framework Certification from Echelon Front

Foundations of Leadership and Team Management from LinkedIn Learning

EDUCATION

Post Secondary Education in Computer System Technician and Networking

Georgian College of Applied Arts and Technology

📅 01/2013 - 12/2014 📍 Barrie, Ontario, Canada

Bachelor's in Computer Science and Engineering

Nimra College of Engineering and Technology

📅 06/2006 - 06/2010 📍 Vijayawada, India

AWARDS

Execute with Excellence Award and Collaborate as One Visa Award, Visa

Received multiple Execute with Excellence and Collaborate as One Visa awards by project managers and team members for proactively working on Kubernetes deployments, troubleshooting and certificate updates for Visa's VSP (Visa Stablecoin Platform) Crypto currency project.

Execute with Excellence Award and Collaborate as One Visa Award, Visa

Received multiple Execute with Excellence and Collaborate as One Visa awards for proactive code deployments, troubleshooting, maintaining encryption and decryption of infrastructure keys and efficiently working with multiple teams at various timezones.

Achievers Award, CIBC

Received Achievers Award for executing projects with excellence.

Achievers Award, CIBC

Received Achievers Award for proactively creating impactful documentation regarding servers.

Dean's List, Georgian College

Graduated with honors by scoring more than 80 percent in grades in every semester.

EXPERIENCE

Quality Assurance Analyst

Work Wave Technologies (Client Royal Bank of Canada)

📅 07/2016 - 03/2017 📍 Toronto, Canada

- Spearheaded testing of RBC interac-e transfer solutions using HP ALM and Jira by creating test strategy, test plans and test estimations
- Collaborated with management teams to convert business requirements into test requirements to improve the quality of web applications
- Involved in identifying all the testing dependencies and risks to make sure that the security standards are met, and the risks are mitigated during the all testing phases
- Automated front-end testing of banking web applications using Selenium Web Driver and Java scripts, as well as back-end API testing for banking payment web services

Quality Assurance Analyst

Procom Consultants (Client Canadian Imperial Bank of Commerce)

📅 12/2014 - 08/2015 📍 Toronto, Canada

- Developed test plans and test suites for functional and business requirements based on Business Requirement Documents for UAT (User Acceptance Testing Teams)
- Tested (using HP ALM) and maintained multiple banking applications - Telagent, Callman, COINS, ECIF, AST, SMART, Cordiant, TSYS and Horizon
- Received Achievers Award for proactively documenting the working knowledge of infrastructure systems for multiple test environments enhancing team efficiency

Quality Assurance Analyst Intern

Canadian Imperial Bank of Commerce

📅 09/2014 - 12/2014 📍 Toronto, Canada

- Performed manual testing for Windows 7 migration on desktop applications (TelAgent, Callman, COINS, ECIF, AST, SMART and Horizon) and Telephone Banking Dialer applications (Verint)
- Tested CIBC payment application systems by creating test plans, test suites and test estimations using HP Quality Center, ensuring that all projects followed the CIBC software testing standards
- Received Achievers Award recognition for NGA-IVR project

Quality Assurance Analyst Intern

Canadian Imperial Bank of Commerce

📅 09/2013 - 01/2014 📍 Toronto, Canada

- Performed manual testing for Windows 7 migration on desktop applications (TelAgent, Callman, COINS, ECIF, AST, SMART and Horizon and Verint)
- Tested CIBC payment application systems by creating test plans, test suites and test estimations using HP Quality Center, ensuring that all projects followed the CIBC software testing standards
- Designed and created a user manual to be used by the team as a guide to create the daily status

Network Technician

Yatee Technologies

📅 07/2010 - 10/2012 📍 Hyderabad, India

- Performed installation of Windows and Linux systems with required applications
- Configured CISCO network racks and troubleshooted networks and systems
- Involved in developing long-term strategies and capacity planning for meeting future business technology needs

VOLUNTEERING WORK

CIBC Volunteer at Marathons

Canadian Breast Cancer Foundation

CIBC Volunteer for Food Sorting and Distribution

Daily Bread Foundation