

# VICTOR GNANARAJ

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DevOps Engineer (AWS)

Address : Chennai, TamilNadu



## SUMMARY

Experienced DevOps Engineer and AWS Developer with a proven track record in orchestrating Dockerized app deployments, implementing robust CI/CD pipelines, and designing scalable infrastructure. Proficient in automating workflows, integrating AWS services, and optimizing infrastructure for enhanced efficiency. A dedicated professional enforcing DevOps best practices, ensuring scalability, and contributing to comprehensive documentation

## EDUCATION

### Sri Vidya College of Engg & Tech

Bachelor of Engineering in Computer Engineering  
2016 - 2020 - 75%

## SKILLS

- **Cloud Platforms:** AWS
- **Containerization:** Docker, Kubernetes
- **Infrastructure as Code:** Terraform, Terraform, Cloud Formation
- **CI/CD:** AWS CodePipeline, Jenkins, GitHub Actions
- **Source Code Management:** Git, AWS CodeCommit, GitHub
- **Orchestration:** Helm, EKS, ECS
- **Serverless:** AWS Lambda, API Gateway
- **Monitoring and Logging:** CloudWatch, Prometheus, Fluentd, Grafana
- **Security:** AWS IAM, Security Best Practices, WAF
- **Scripting:** Shell Scripting, Python, Bash
- **Networking:** VPC, Gateway, Security Group
- Load balancing, Autoscaling, DNS management
- **Configuration management:** AWS SSM, Chef
- AWS Billing and Cost Management

## SOFT SKILLS

- Collaboration and Teamwork
- Problem-solving / troubleshooting
- Communication
- Adaptability
- Continuous Learning

## CERTIFICATIONS

- AWS Cloud Practitioner - 2VBFK2C1SFQ11DHKH

### Achievement:

- Achieved 50% cost savings by migrating a Python Flask application to a serverless architecture on AWS Lambda, running seamlessly within a containerized environment.
- Spearheaded the automation of patch processes utilizing AWS Systems Manager (SSM) and other AWS services
- Successfully led the migration from a classic host model to a microservices architecture in both ECS and Kubernetes, optimizing scalability and performance.
- Innovated an internal tool integrating multiple AWS services, providing effective version control and rollback capabilities for internal workloads.

## PROFESSIONAL EXPERIENCE

### DevOps Engineer

Vinsinfo Pvt Ltd | 11/2021 - Present

- Orchestrated the deployment of Dockerized applications on AWS ECS and EKS, ensuring seamless scaling.
- Automated CI/CD pipelines using AWS CodePipeline, GitHub Actions, and Jenkins for efficient and hands-free delivery.
- Designed and maintained scalable infrastructure as code with Terraform and Terragrunt, ensuring uniformity.
- Developed Helm charts for Kubernetes, streamlining application packaging and deployment processes.
- Collaborated with cross-functional teams to optimize application performance, focusing on reliability and efficiency.
- Utilized AWS CodeBuild and CodeDeploy for controlled and predictable application building and deployment.
- Integrated CloudWatch, Prometheus, Fluentd, and ELK stack for comprehensive monitoring and observability.
- Established and enforced DevOps best practices and standards, promoting collaboration across teams.
- Maintained detailed documentation for infrastructure architecture, deployment processes, and troubleshooting guides.

### AWS Developer

Vinsinfo Pvt Ltd | 11/2020 - 11/2021

- Designed and implemented scalable, secure AWS infrastructure using EC2, S3, RDS, Route 53, and Lambda.
- Automated tasks and workflows through AWS Lambda, significantly enhancing operational efficiency.
- Integrated diverse AWS services to ensure seamless communication and data flow between applications.
- Developed reusable CloudFormation templates for the efficient provisioning and management of resources.
- Implemented CloudWatch for proactive monitoring, ensuring optimal application performance.
- Regularly reviewed and optimized AWS infrastructure to align with best practices and reduce operational costs.
- Documented architectural designs, deployment procedures, and comprehensive troubleshooting guides.