

VICTOR GNANA RAJ G

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Summary:

- DevOps engineer with 3 years of total IT experience, including 1 year as an AWS cloud developer and Two years as a DevOps engineer.
- I am proficient in AWS services, Jenkins, Git, Docker, Kubernetes, and scripting languages such as Bash and Python.
- Skilled in automation, continuous integration, and continuous delivery pipelines. Ability to work in a team and handle complex projects.

Objective:

- To obtain a challenging DevOps Engineer, utilizing my AWS cloud development and DevOps experience to improve software development processes, enhance automation, and support agile software delivery.

Work Experience:

1. DevOps Engineer, Vinsinfo Private Ltd (Chennai), Nov-2021-Present

- ♦ Worked on automation of build, test, and deployment processes for multiple projects using Jenkins, Git, Docker, Code Commit, Code Build and Code Deploy
- ♦ Implemented CI/CD pipelines using Code Commit CI for Java-based microservices.
- ♦ Automated infrastructure provisioning using Ansible and CloudFormation templates.
- ♦ Improved monitoring and logging by setting up CloudWatch, Prometheus, Fluent-d and Grafana
- ♦ Participated in agile ceremonies and collaborated with developers to ensure smooth software delivery

2. AWS Cloud Developer, Vinsinfo Private Ltd (Chennai), Nov-2020 – Nov-2021

- ♦ Worked on designing and developing cloud-based solutions using AWS services such as EC2, S3, RDS, and Lambda.
- ♦ Created Lambda functions using Python to automate data processing.
- ♦ Developed and maintained infrastructure as code using CloudFormation and Terraform.
- ♦ Designed and implemented disaster recovery strategies for AWS resources.

Achievements:

1. As an AWS Cloud Developer:

- ♦ Automated windows servers' patches updates using AWS SSM
- ♦ Created the lambda script using python to thumbnail creation for images that are uploaded in S3
- ♦ Created the standalone tool for .NET application deployment using s3 versioning and lambda
- ♦ Changed the python Django application to container and deployed in lambda then save the Cost 50%
- ♦ Enabled WAF V2 to provide security of our sites

2. As an AWS Devops:

- ♦ Modernize the .NET core and java applications using Docker, code commit, and AWS Code deploy in ECS
- ♦ Enabled the RUM (Real User Monitoring) for those applications
- ♦ Managed Real time data analysis using AWS kinesis data Stream and kinesis analytics
- ♦ Created multiple Docker images for java, .NET, Node JS, Python Flask application
- ♦ Implemented the branching and achieve continuous integration and continuous Deployment on ECS and EKS clusters using Code pipeline
- ♦ Managed multiple servers' configurations using SSM and Chef
- ♦ Developed Kube manifests and prepare helm charts for it

Technical Skills:

Cloud Platforms	:	Amazon Web Services (AWS)
CI/CD Tools	:	Jenkins, AWS DevOps tools (Code Build, Code Commit, Code Pipeline), Git
Containerization	:	Docker, Kubernetes, ECS, EKS, Helm
Configuration Management	:	AWS SSM, Chef
Scripting Languages	:	Python, Bash, Shell Scripting
Monitoring Tools	:	AWS Cloud watch, Prometheus, Grafana, X-Ray
Infrastructure as a Code (IAAS)	:	Terraform, CloudFormation, SAM, Terra grunt
Operating Systems	:	Linux, Windows
Machine Learning	:	AWS Comprehend, AWS Kendra
Data Processing	:	AWS Glue, Athena, Redshift, Kinesis Stream
Networking	:	VPC, Direct Connect, Subnet, Gateways, Security Groups

Certifications:

- AWS Certified Cloud Practitioner – 2VBFK2C1SFQ11DHKH

Education:

- Bachelor of Engineering in Computer Science, Srividya College of Engineering & Technology, 2016 – 2020 (75%)