**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:**

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| --- | --- | --- |
| *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%)*