Venkadeshwaran Ganesan

Aws Devops Engineer

Skilled Aws Devops Engineer with 2 year of hands-on experience supporting, automating, and optimizing mission critical deployments in AWS, leveraging configuration management, CI/CD, and DevOps processes.

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16 July / 1997

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WORK EXPERIENCE

Aws Cloud Developer
Cgvak Software and export Ltd

02/2022 - Present   *Coimbatore, india*

Achievements/Tasks

- Experience with Aws Cloud services Are (**EC2, S3, S3 Glacier, VPC, VPN, RDS, IAM, Cloud Formation ,Route 53,Cloud Watch, SNS, SQS, SES, Cloud front, KMS, ELB, EFS, ECS, EKS, code commit, code build, code deploy, code pipeline, Athena, Light sail, Cognito, WAF & Shield, Auto Scaling Groups**).
- Experience with automation frameworks such as (**Git, bit bucket ,Maven,Jenkins, Docker, Kubernetes and ArGo-CD, Ancible, Terraform, Splunk,Prometheus, Grafana, Docker-swarm**). GCP services are (**VM instances, GKE , Cloud storage**)
- Implemented a CI/CD pipeline involving **BitBucket**, **Jenkins**, **Sonarqube** , **Docker**, **Kubernetes** and **GitOps(ArGo-CD)** used to complete automation from commit to deployment.
- Hands on experience with **Kubernetes** to orchestrate the deployment, scaling and management of **Docker** Containers.
- Architect build scalable & Immutable Infrastructure on AWS Cloud infrastructure with automation and orchestration tools such as **Terraform** along with **Ansible** for Configuration Management for setting up of **Kubernetes** Container Platform creating **Docker** Images and Implemented CI/CD workflow for it.

Aws Cloud Developer
Vinsinfo Private Ltd

08/2021 - 02/2022   *Chennai, india*

Achievements/Tasks

- Managing **70+ servers** in a distributed and highly available critical infrastructure
- Experience with Aws Cloud services Are (**EC2, S3, S3 Glacier, VPC, VPN, RDS, IAM, Cloud Formation ,Route 53,Cloud Watch, SNS, SQS, SES, Cloud front, KMS, ELB, EFS, ECS, Athena**).
- Experience with AWS Devops tools (**code commit, code build, code deploy, code pipeline**)
- Experience with Continuous integration tool **Jenkins , bamboo, Code pipline**

EDUCATION

Study Program
A.V.C College of Engineering

05/2017 - 05/2020   *6.3 CGPA*

Courses

- Electrical and Electronics

SKILLS

- CI/CD - Jenkins, AWS Code Pipeline
- Configuration management - Ansible
- containerization - Docker, Aws ECS, EKS, GKE
- SCM - Git, Github,Gitlab, Bitbucket
- Build Tool - Maven , Gradle
- Monitoring - Grafana, splunk, Cloud watch
- Code quality - Sonar qube , Code Guru
- Iaac - Terraform , Cloud Formation
- Web/App Server : Tomcat, apache2, Nginx
- Artifactory Tools: Nexus, Jfrog , AWS ECR
- SDLC : DevOps, GitOps

PROJECTS

Arizon Digital (02/2022 - Present)

- Managed Spring-Boot and Node-js Microservices Using Kubernetes and Docker-Swarm
- configured and maintain AWS cloud infrastructure defined as code via Terraform.
- Managed GitHub repositories and permissions, including branching and tagging
- Automated build and deployment process with Jenkins and Maven, eliminating 80% of manual work
- Automated Server Backups and RDS Backups using Lambda
- Created Secure private Network and Website protection via WAF , Cloud front, VPC
- Created and maintain fully automated CI/CD pipelines for code deployment using Jenkins and Ansible.
- Built and deployed Docker containers to break up monolithic app into microservices, improving developer workflow, increasing scalability, and optimizing speed

LANGUAGES

English ● ● ● ● ○

Tamil ● ● ● ● ●

INTERESTS

- Cloud computing
- Dirt bike riding
- Archery