Victor Gnanaraj. G

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# Professional Summary:

Results-driven IT professional with over 3 years of hands-on experience in designing, implementing, and maintaining robust IT infrastructure services. Proven expertise in DevOps practices, AWS cloud solutions, and proficient in both Linux and Windows environments

## SKILLS:

|  |  |  |
| --- | --- | --- |
| * Cloud Platforms | : | Amazon Web Services (AWS) |
| * Version Control | : | Git, GitHub, AWS Code Commit |
| * Container and orchestration | : | Docker, ECS, Kubernetes (K8s) |
| * Infrastructure as a code (IaaS) | : | Terraform, AWS CloudFormation, AWS CDK |
| * Continuous Integration Tool | : | Jenkins, AWS Code Pipeline, Bit Buket |
| * Configuration Management | : | AWS SSM (like Chef and ansible) |
| * Scripting | : | Bash, Yaml, Python, Shell Script |
| * Monitoring | : | CloudWatch, Prometheus, Grafana, Dynatrace |
| * Ticketing Tool | : | Asana, JIRA |
| * Operating Systems | : | Linux (RedHat, Ubuntu, CentOS), Windows |

## WORKEXPERIENCE

**Vinsinfo Private Limited -**  Chennai, India

Nov2020-Present

# Roles & Responsibility:

# AWS Cloud Infrastructure Management:

# Orchestrated and maintained **AWS ECS clusters,** ensuring high availability and scalability of applications. I also managed 60+ Windows servers and 30+ Linux servers that have 100+ sites.

# Implemented and managed IAM and S3 bucket policies to enforce security best practices and access controls.

# Managed both Windows and Ubuntu servers, handling configuration, maintenance, and troubleshooting tasks. Handled **WSFC in Windows and Elasticsearch cluster** in Linux

# Implemented automation scripts to streamline repetitive tasks, reducing manual intervention.

# Monitoring Solutions:

# Utilized CloudWatch and other monitoring tools to ensure optimal performance of cloud-based applications in Graph form and mail alerts

# Implemented monitoring solutions to track deployment performance and identify areas for Improved.

# Data Storage and Analysis:

# Configured and managed S3 storage, optimizing storage efficiency and access controls.

* + Conducted log analysis using Athena, extracting meaningful insights and facilitating data-driven decision-making.
  + Analyze the Https requests logs or other logs using Athena and provide solution.
* DevOps Pipeline Management:
  + Established and managed end-to-end CI/CD pipelines for .NET and Java applications, streamlining the deployment process in **Windows, Linux servers and ECS and K8s.**
  + Established and optimized CI/CD pipelines to automate testing and deployment, and rollback processes.
* Automated Deployment Solutions:
  + Developed and implemented automation scripts and tools to facilitate the seamless promotion of code across environments
  + Integrated deployment pipelines with version control systems, such as Git, Code Commit for seamless code integration.
* Security and Compliance:
  + AWS leverages services like Amazon Guard Duty and AWS Identity and Access Management (IAM) to provide proactive threat detection and ensure controlled access, enhancing overall security
  + AWS Key Management Service (KMS) and AWS Config contribute to compliance efforts, enabling clients to manage encryption keys securely and monitor configurations to meet regulatory standards.
  + In AWS, VPCs offer an isolated network. NACLs control subnet traffic, and Security Groups manage instance-level access, forming a robust security structure.
* Cost Optimization and Migration:
  + Played a key role in migrating on-premises applications to the AWS cloud, resulting in enhanced scalability and cost savings
  + Managed and create the alerts for billing and generate the report for monthly and yearly billing for each service vise in AWS
* Collaboration and Team Management:
  + Worked Closely with development and operations teams to understand requirements, troubleshoot issues and ensure a collaborative and efficient deployment process.
  + Collect requirements from client and show demo with architecture Diagram
  + Assign and collect tasks teammates and deliver it on time with perfection

**Expertise AWS Services:**

* EC2, S3, RDS, CloudWatch, Elastic Load Balancing(ALB), Transfer Family, CloudFront, Elasti Cache, Quick sight, WAF, Detective, API Gateway, SNS,VPC, Directory Service, SES, Lambda, Kinesis, Route 53, DynamoDB, Athena, Guard Duty, X-Ray, Config, Work Mail, Key Management Service, CloudTrail, Kinesis , Simple Queue Service, ECR, ECS, Code Pipeline, Code Deploy, Code Commit, Secrets Manager, CloudWatch Events, Translate, SSM, EFS, Code Guru, IAM

**Education:**

* Completed graduation in April 2020 from Srividya College of Engineering and Technology (Anna University) - Virudhunagar (7.24/10 GPA)

**Certification:**

* AWS Certified Cloud Practitioner – 2VBFK2C1SFQ11DHKH