Victor Gnanaraj. G

Mobile: +91 8825888588 | Mail: gvgraj143@gmail.com | linkedin.com/in/victor-gnana-raj-g-172161227

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:
  - o 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.
  - o Implemented and managed IAM and S3 bucket policies to enforce security best practices and access controls.
  - o Managed both Windows and Ubuntu servers, handling configuration, maintenance, and troubleshooting tasks. Handled **WSFC in Windows and Elasticsearch cluster** in Linux
  - o Implemented automation scripts to streamline repetitive tasks, reducing manual intervention.
- Monitoring Solutions:
  - o Utilized CloudWatch and other monitoring tools to ensure optimal performance of cloud-based applications in Graph form and mail alerts
  - o Implemented monitoring solutions to track deployment performance and identify areas for Improved.
- Data Storage and Analysis:
  - o Configured and managed S3 storage, optimizing storage efficiency and access controls.
  - o Conducted log analysis using Athena, extracting meaningful insights and facilitating data-driven decision-making.
  - o Analyze the Https requests logs or other logs using Athena and provide solution.
- DevOps Pipeline Management:
  - o 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.**
  - o Established and optimized CI/CD pipelines to automate testing and deployment, and rollback processes.
- Automated Deployment Solutions:
  - o Developed and implemented automation scripts and tools to facilitate the seamless promotion of code across environments
  - o 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