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| **CONTACT**   |  |  | | --- | --- | |  | +91- 8110899760 | |  | ganeshbaalu95@gmail.com | |  | https://www.linkedin.com/in/ganeshbaalu |   **CORE COMPETENCIES**   |  |  | | --- | --- | | Strategic AWS Cloud Architecture |  | | IT Infrastructure (AWS Cloud & DevOps) |  | | Global Service |  | | Solution Delivery |  | | Stakeholder Engagement |  | | Operational Excellence |  | | Cloud & Data Centre |  | | Program Management |  | | Transition & Transformation |  | | IT Security Management |  | | IT Operations & Governance |  | | Project Consultancy |  | | Incident & Problem Management |  |   **EDUCATION**   |  |  | | --- | --- | | **2017** | B.E.(EEE) from Panimalar Institute of Technology, Anna University, Chennai |   **CERTIFICATIONS**   |  |  | | --- | --- | | **2021** | Certified AWS Solutions Architect –Associate | | **2022** | Certified HashiCorp Terraform –Associate |   **PERSONAL DETAILS**  **Date of Birth:** 21st June 1995  **Languages Known:** English & Hindi | **Ganesh B**  **AWS Cloud Engineer**  Apply expertise in AWS cloud infrastructure, IT operations, and DevOps practices to drive the success of an innovative organization in Chennai.  **PROFILE SUMMARY**   * Seasoned IT professional with a comprehensive background spanning over 6 years in the industry, featuring 5 years of focused experience in AWS-based cloud solutions and an additional 1 years in Network. * Currently employed as a Cloud Associate Engineer at Cloud-Kinetics, focusing on infrastructure development, load balancer controller management, and transit gateway configuration. * A Visionary leader with specialization in Legacy Migration & Modernization Strategy, Digital Cloud Transformation Roadmaps, Big Data Analytics to gain insights and capitalize, Cloud Native Architectures, experience and insight to elevate any application, computing platform infrastructure to Cloud. * Proficiency in AWS services including EC2, S3, CloudWatch, VPC, RDS, EKS, API Gateway, and security tools like SecurityHub and GuardDuty. * Accomplished certifications as an AWS Solutions Architect-Associate and HashiCorp Terraform-Associate. * Possess strategic skills in AWS cloud infrastructure architecture, IT infrastructure, global service solution delivery, stakeholder engagement, operational excellence, cloud and data center management, program management, transition, transformation, IT security management, and IT operations and governance. * Recognized for building cloud-optimized architectures, developing business strategies and influencing product roadmap by working closely with Cloud Engineering Teams. * Proficient in infrastructure automation, DevOps practices, cloud migration, network security, compliance frameworks, high availability & disaster recovery, automation scripting, IT service management, Linux & Windows server administration, and proactive monitoring. * Possess a deep experience in DevOps with proven results enabling continuous deployment and continuous integration (CI/CD). * Orchestrated proactive monitoring of components/services at various layers, ensuring efficient service management using Fresh Desk, Grafana,Datadog, Fresh Service, and Jira, and led internal projects and initiatives for automating projects/manual works, ensuring cloud governance, security, backup, cost management, and monitoring operations.   **IT SKILLS**   * EC2 instances, EBS volumes, security groups, managing AMIs, snapshots, load balancing, and auto scaling. * IAM, ECS, S3 buckets, VPC, subnets, internet gateway, NAT, peering connection, VPN, NACL, transit gateway, network firewall, and Route 53. * Monitoring and managing AWS services, event alarms, activity logs, and DNS zones using AWS CloudWatch and CloudTrail. * Leveraging AWS security tools such as CloudTrail, Config, GuardDuty, and SecurityHub. * Creating and managing deployments using code build, code deploy, code commit, and code pipeline services. * Facilitating application services like SES, SNS, SQS, and CloudFront to integrate with various client applications. * Other AWS services like Glacier, RDS, DynamoDB, Lambda, and working with AWS CLI. |

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| **WORK EXPERIENCE**  **Oct’21 - Present: Cloud Associate Engineer | Cloud-Kinetics-Chennai**  **Key Result Areas:**   * Configuring Transit Gateway attachments, route tables, and security policies to establish secure and efficient communication between VPCs. * Working configuration of API gateways for applications. * Designing and implementing robust security measures utilizing tools such as SecurityHub, GuardDuty, Config, WAF, Network Firewall, and establishing OpenVPN for secure connections. * Setting up and configuring EKS clusters, encompassing tasks such as node group creation, worker node management, and the configuration of networking and security policies. * gaining experience in deploying and managing Load Balancer controllers in EKS clusters to distribute traffic and ensure high availability. * Executing manual configuration of Landing Zone setups for audit and security purposes, adhering to industry best practices and compliance frameworks. * Monitoring tickets and responsibly delivering assessment services and consulting services to customers. * enabling proactive monitoring of components and services at various layers, including infrastructure, API endpoints, and native AWS resources. * Designing an architecture equipped to handle Availability Zone or Region failures, ensuring high availability and disaster recovery. * Managing internal projects and leading initiatives for automating projects and manual workflow. * Defining and implementing processes, practices, and tools for cloud governance and security. * Managing security, backup, cost management, and monitoring operations for the organization. * Utilizing service management tools such as Fresh Desk, Datadog, Fresh Service, and Jira. * Executing server administration on both Linux and Windows platforms.   **Feb’20 – May’21: AWS Cloud Engineer | 8KMiles Software Service Ltd-Chennai**  **Key Result Areas:**   * Managed and led customer requests using the Fresh Service ticketing tool, ensuring timely and effective resolution. * Monitored client infrastructure using various proprietary tools such as Datadog, Nagios, and New Relic (specifically for endpoint monitoring). * Launched EC2 instances and communicated relevant details to clients, ensuring seamless deployment. * Addressed build issues and deployment challenges on servers, ensuring smooth operation of applications. * Created architecture on AWS, documented designs, and provisioned infrastructure on the AWS platform. * Designed and implemented security measures using VPC, IAM, Security Groups, and NACL for robust protection. * Set up and maintained system monitoring using Datadog, ensuring continuous performance monitoring and issue identification. * Created high availability and highly scalable environments, optimizing AWS resources for optimal performance. * Restructured and restricted permissions on AWS S3 buckets to enhance security and data access control.   **Aug’18 – Dec’19: Network Operation Associate | UST Global (Nokia Siemens Network)-Chennai**  **Key Result Areas:**   * Executed AWS services, including VPC, EC2, S3, ELB, Auto Scaling Groups (ASG), EBS, RDS, IAM, CloudFormation, Route 53, CloudWatch, CloudFront, and CloudTrail. * Successfully created multiple VPCs and configured public and private subnets based on specific requirements. * Established and managed S3 buckets in the AWS environment for efficient file storage and retrieval. * Utilized IAM for creating roles, users, and groups, implementing Multi-Factor Authentication (MFA) to enhance security for AWS accounts and resources. * Provided solutions for network problems and faults by referencing Standard Solution Documents, Knowledge Articles, and leveraging online Nokia libraries. * Maintained documentation of solutions provided and contributed to the enhancement of the team's knowledge base. * Collaborated effectively with Fault Management Team, Alarm Management Team, and Configuration Team to ensure timely and accurate resolution of network issues. |