



**Nishanthi C**

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| **Experience Summary** | | | | |
| A cloud Engineer with almost 3.5 + years of experience in developing IT infrastructure and providing solutions on cloud to increase scalability, mobility, and high availability | | | | |
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| **Skills Summary** | | | | |
| **Domain** | | Aws | | |
| **Programming Languages** | | Terraform | | |
| **Operating System / ERP Version** | | Windows , Linux | | |
| **Tools** | | Jira , Fresh service , newrelic , datadog,opsgenie,pagerduty | | |
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| **Professional Certifications/ Trainings** | | | | |
| AWS Certified Solution Architect – Associate | | | | |
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| **Work Experience** | | | | |
| **Project 1** | | | | |
| **Project Name** | **BigBasket** | | **Team Size** | 15 |
| **Start Date** | Dec 2019 | | **End Date** | June 2023 |
| **Project Description** | Cloud Infrastructure Optimization and Automation  Responsible for designing, implementing, and optimizing cloud infrastructure solutions to improve efficiency, scalability, and reliability for our organization. The primary focus of this project is to leverage cloud services to streamline our existing operations, reduce costs, and enhance our overall cloud environment. | | | |
| **Role & Contribution** | * Designed, deployed, and maintained cloud-based infrastructure and applications on AWS, including EC2, S3, EBS, ELB, CloudWatch, VPN, autoscaling,CloudTrail,,IAM, VPC, ECS, Event Bridge, API Gateway, CloudFront, and Route53. * Infrastructure provisioning using terraform. * Provided technical support for cloud-based systems, ensuring maximum system uptime and availability, and proactively identifying and resolving issues. * Configured and managed security groups on AWS and implemented security practices such as IAM, CloudWatch, CloudTrail, Trusted Advisor, and Guard Duty to ensure the security of the cloud environment. * Created and managed public and private VPCs, NAT gateways, internet gateways, IP Sec VPN tunnels, route tables, peering, and network ACLs to ensure secure network connectivity for cloud-based systems. * Deployed services in development, staging, and production environments using Jenkins pipeline and multibranch pipeline, with hands-on knowledge of software containerization platforms like Docker, container orchestration like Kubernetes, and managed infrastructure using AWS Lambda. * Worked with GIT version control systems and used source code management tools like GitHub and GitLab to manage and track changes to software code. * Suggested EC2 instance types based on workloads and provided high availability by implementing load balancers (classic/application) and autoscaling. * Created roles, users, groups, and implemented MFA to provide additional security to AWS accounts and resources using IAM. * Migrated and managed DNS entries in Route 53 and other DNS providers to ensure smooth and efficient communication between cloud-based systems and end-users. * Conducted security audits on the infrastructure by running Trusted Advisor and other security tools, and took corrective measures to secure the cloud environment. * Prepared and analyzed cost estimation and optimization reports for each environment to optimize costs and improve cost efficiency. * Implemented production monitoring setup for production environment servers using Sensu and Grafana, monitored and troubleshooted server performance | | | |
| **Technology & Tools** | Visual Studio, Terraform,git , Kubernetes , MS Word | | | |
| |  |  | | --- | --- | | **Educational Qualification** | | | **Education & Credentials** | Bachelor of Computer Technology in 2018 | | | | | |