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| **Yaseen S**  (*DevOps Engineer*)    Email:[**yaseenins@protonmail.com**](mailto:yaseenins@protonmail.com)  Mobile: (+91) 8919833528  GitHub : [github.com/yaseensec](https://github.com/yaseensec)  LinkedIn : [linkedin.com/in/yaseenins](https://www.linkedin.com/in/yaseenins/)  -------------------------------------------------------------------------------------------------------------------  **Professional Summary:**   * Having 5+ years of strong experience in the area of AWS, Linux, DevOps, CI/CD Pipeline, Build and Release Management * Hands on experience in setting up AWS VPC,EC2,SecurityGroups,IAM,NAT Gateways, Load Balancers, Autoscaling, CloudFront, Route 53,RDS,S3,ECR,ECS,EKS * In-depth knowledge of DevOps management methodologies, production deployment configurations and created CI/CD deployment pipelines for applications * Hands on Experience in provisioning Infrastructure in AWS using Terraform and CloudFormation * Expertise in Container Orchestration to Deploy, Scale, Maintain applications using Kubernetes * Used Helm Charts to Deploy, Scale and Upgrade Kubernetes Applications in AWS EKS * Experience in setting up Jenkins server, installing plugins, creating users, implementing role-based authorization strategies and configuring Jenkins controller and agent nodes * Authored Ansible Playbooks to Install, Configure and Maintain services in Infrastructure * Proficient in using Git, GitHub, Gitlab, Maven, Apache Tomcat, Nexus OSS and JFrog Artifactory Repositories and Packer * Good hands on Experience on SAST and DAST tools like Fortify, SonarQube, BlackDuck, OWASP ZAP, 42Crunch * Good Understanding of Scripting languages like Python and Bash/Shell Scripting * Good Understanding of Networking concepts like TCP/IP, DNS, DHCP, Subnetting, NTP * Has an Ability to learn and adapt to new technologies quickly   **Technical Summary:**   |  |  | | --- | --- | | **Programming Languages** | Python, Bash/Shell Scripting | | **Operating Systems** | RHEL,CENT OS, Arch Linux, Ubuntu and Windows 10 | | **Cloud Technologies** | AWS-VPC,EC2,IAM,Security Groups, Autoscaling, Load Balancing,ECR,ECS,EKS,RDS,S3,Route 53,CloudFront,Cloudformation | | **CI/CD Tools** | Git, GitHub, Terraform, Docker, Kubernetes, Helm, Ansible, Jenkins, Maven, Apache Tomcat, Nexus OSS, JFrog Repository, Packer | | **Other Tools** | KVM/QEMU,SonarQube,Fortify,Blackduck,ZAP,42Crunch | |
| **Professional Experience:**  **Parent Company : Brillio Technologies Private Limited :**  **Client Company : Verizon Data Services India**  **Role : AWS and DevOps Engineer**  **Duration : March 2022 to Present**  **Projects : CHHV -- One Message , H58V -- Smart Referral , NSGV -- VzStac and BN8V -- CCRS**  **Responsibilities :**   * To Design Build pipeline using Jenkins DSL for Java and Angular/React Applications * To Design Deployment pipeline using internal CI/CD plugins for the stack to deploy on AWS Infra * To implement and design Security Groups , ALB’s, NLB’s , ASG’s Target Groups for the Deployment Stack * To prepare Ansible Playbooks for the ILM , Jenkins Node Setup and Artifacts Deployment * To prepare Jenkins Pipelines for SAST and DAST tools and provide the scheduled automation * To create 42Crunch automation jobs for API Scanning * To create APIGEE deployment jobs * To prepare ILM pipeline using CloudFormation and Ansible for AMI rehydration * To prepare Jenkins jobs for Jenkins Agent setup, Security Groups, ALB,TG,NLB,ASG setups * To implement new features on the Jenkins shared pipeline to be used across multiple environments for Build and Deployments * To prepare an AMI every month as part of rehydration , test and promote the same to Production * To prepare scripts to promote artifacts between Non Prod and Prod Artifactory * To provide an automated Ansible playbooks for artifacts deployments and maintenance on existing infrastructure * To prepare application stack’s Architecture diagram’s and AWS security review documentations and get Security clearances through PCM tickets * To implement Security Gating to generate a code signature for every piece of code that will be promoted to production through build jobs and fortify scans * To prepare and implement New Relic monitoring for the deployed microservices * To implement CloudWatch logs for the applications * To prepare and setup Kafka development environment for testing * To migrate Ansible and Shell Scripts from CENTOS to RHEL OS migration * To migrate Jenkins plugins from older Ansible and CloudFormation plugins to Newer Plugins * To migrate User data scripts to Ansible scripts * To maintain the application stack in Non Prod and Assist for Prod Deployment as part of ER and MR releases   **Kanagala Technologies Private Limited, Tenali as AWS and DevOps Engineer from August 2017 to March 2021**  **Role : AWS and DevOps Engineer**  **Duration : March 2018 to March 2021**  **Responsibilities :**   * To Design, Deploy, Manage, Monitor Scalable Cloud Infrastructure using Amazon Web Services(AWS) for Client Applications * To Architect Cloud and DevOps Solutions while adhering to best practices, Security and Cost Cutting in mind and to Scale services as needed * To Provision AWS Services like EC2,VPC,AutoScaling,Load Balancing, ECR, EKS using Terraform * To Create Golden Amazon Machine Images using Packer for Development and Production use cases * To Create and Maintain Multi-Stage Docker files to build Docker Images for applications * To Orchestrate Containers using Kubernetes, to Deploy, Maintain, Scale applications and to handle Rollbacks in case of failed deployments * To prepare and version Helm Charts for the applications to deploy and upgrade on K8s * To author Ansible Playbooks and Create Roles for Configuration Management, System Patching, Log rotation, Cron Jobs * To Create and Maintain GIT repositories, to implement branching strategies, providing permissions and assist in branch merges * To Implement and manage End-to-End Jenkins Pipelines to build and deploy Java and Python based applications on k8s * To integrate tools like Maven, SonarQube, Docker, Nexus OSS into Jenkins server using plugins * To create and configure agent nodes using EC2 and Docker instances for Jenkins Controller * To provision and load balance Jenkins Controller for High Availability * To setup Nexus Repository OSS to save Artifacts and also to setup maven private registry * To configure and setup Apache Tomcat and to deploy Web applications using Jenkins Pipeline * To regularly maintain, upgrade, security patch Terraform Templates, Jenkins Declarative Pipelines, Ansible Playbooks, Golden AMIs, Docker files, Kubernetes Manifest Files and Helm Charts * To assist and collaborate with Developers for designing and building Business Logic   **Certifications :**   * **AWS Certified Developer – Associate** * **AWS Certified Solutions Architect - Associate**   (**Yaseen S)** |
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