SHIRISHA YASA

Hyderabad

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OBJECTIVE

Enthusiastic recent graduate with a B.Sc. in Physics and Computer Science, seeking an entry-level position to apply technical skills in AWS cloud services, and Devops.

SKILLS AND ABILITIES

- **Cloud Services:** AWS **(**IAM,EC2,VPC,S3,CloudWatch,Lambda,etc.)
- **Operating Systems:** Windows,Linux
- **CI/CD Tools:** Jenkins,argoCD,Github,CodeCommit,CodeBuild,CodeDeploy & CodePipeline**.**
- **Monitoring Tool:** CloudWatch
- **Container Tool:** Docker and Podman
- **Languages:** Python(Intermediate)
- **Orchestration Tool:** Kubernates
- **Other Skills:** Bash Scripting,,Terraform

PROJECTS

- **Hosting a Static Website on Amazon S3:** Hosting a static web application in Amazon s3,ensuring scalability and ease of maintenance.

- **Setting up VPC, Subnets, and Deploying an Application:** Configured a fault-tolerant VPC with subnets, auto-scaling, a bastion host, and a load balancer to deploy a scalable web app on AWS.

- **Setting Up AWS S3, Lambda, and SNS for Object Upload Notifications:** Set up S3, Lambda, and SNS to automate email notifications for object uploads, with secure IAM roles and a configured S3 bucket.

- **Orchestrating Jenkins CI/CD with Docker Integration:** Orchestrated Jenkins CI/CD with Docker on EC2, automating builds and deployments using Jenkinsfile.

- **Containerization: Deployment with Docker:** Developed the application, built a Docker image with a Dockerfile, and deployed it in container and then pushed it in Dockerhub.

- **Testing Mechanism for Terraform State Locking:** Configured Terraform with S3 for state storage and DynamoDB for locking, tested locking functionality, and validated reliable conflict prevention during operations.

- **Configured AWS Transit Gateway:** To centralize and simplify network management by connecting multiple VPCs and on-premises networks through a single gateway.

- **Deployed an application with AWS CI/CD pipelines:** Automating build, test, and deployment to streamline development by using codebuild,codedeploy and codepipeline to reduce manual effort.

- **Application Deployment in Amazon EKS:** Deployed an application in Amazon kubernates by setting up the cluster, configuring services, and managing ingress.

CERTIFICATIONS

- Certificate of completion (virtual internship) in python programming at CODSOFT
- Certificate of completion (virtual internship) in web development at OASIS INFOBYTE

EDUCATION

- **2021-2024 | Osmania University,Hyderabad .**
  Bachelor of Science in Physics and Comp.Science : 89.3%
- **2019-2021 | Board of Intermediate Education –** Senior Secondary : 88.2%
- **2018-2019 | Board of Secondary Education – Telangana :** Secondary : 92%

PERSONAL DETAILS

- Quick learner with a high sense of responsibility.
- Enthusiastic dedicated and passionate about technology.
- Effective team player with a good communication and collaboration skills.

DECLARATION

I certify that the information provided is accurate to the best of my knowledge

Place: **Hyderabad**   **(Y.Shirisha Reddy)**