



HARIPRASATH M

Phone No: 7639038346 || Email: hariprasath.m2022it@sece.ac.in || [LinkedIn](#) || [GitHub](#)

EDUCATION

B.TECH -IT	Sri Eshwar College of Engineering, Coimbatore	CGPA:7.4	2022 - 2025
DIP -ECE	Rudhuraveni Muthuswamy Polytechnic College, Udumalpet	86.95%	2019 - 2022
SSLC	Bhaarat Vidhya Bhavan Matric Hr Sec School, Palani	60.2%	2018 - 2019

INTERNSHIP

AWS PRACTITIONER -ONECLOUD HUB

2023

During the AWS and DevOps internship, immersive engagement in practical exercises with AWS services like EC2, S3, RDS, DynamoDB, CloudWatch, CloudFormation, Lambda, ECS, VPC, Route 53, and more enhanced understanding of cloud infrastructure and automation practices

PROJECTS

AWS Lambda for Real-Time Data Processing and Storage

[PROJECT: Link](#)

Developed a CSV file processing system on AWS, enabling users to upload CSV files to an S3 bucket. The main AWS Lambda function is triggered by S3 uploads to validate the file name and availability. If the file is incorrect, notifications are sent via SNS and email. If valid, a second Lambda function processes the CSV data and stores it in DynamoDB, ensuring efficient data handling.

SERVICES : Amazon S3 Lambda SNS DynamoDB

Automating Code Deployment: A CI/CD Pipeline Using AWS Services

[PROJECT: Link](#)

Developed an automated deployment pipeline on AWS utilizing two EC2 instances: a developer machine and a production machine. Implemented a process where developers push code to an S3 bucket, triggering AWS CodePipeline for automated deployment to the production environment via CodeDeploy. Configured IAM roles to ensure secure access, and integrated Amazon CloudWatch for monitoring the production machine, with SNS alerts for deployment updates.

SERVICES : Amazon EC2 S3 CloudWatch IAM SNS Email Code Deploy Code Pipeline

CI/CD pipeline using JENKINS - DOCKER - GIT

[PROJECT: Link](#)

Developed a complete CI/CD pipeline on an EC2 instance, integrating Jenkins and Docker to automate the deployment process. Implemented shell scripts for seamless interaction between Jenkins and Docker, enabling efficient code delivery from Git to AWS Elastic Container Registry (ECR). This setup streamlined deployments, improved version control for containers, and enhanced overall development agility.

SERVICE: Amazon ECR, Jenkins,Docker,EC2

Building a Secure and Scalable Cloud Infrastructure with Terraform

[PROJECT: Link](#)

Set up a fully functional AWS environment using Terraform, provisioning a VPC with an Internet Gateway, two EC2 instances (public and private), and associated networking components. This architecture enhanced security and streamlined communication between resources. Leveraging Infrastructure as Code (IaC) improved scalability, reliability, and version control for infrastructure management.

SERVICE: EC2 , Terraform

TECHNICAL SKILLS

Automation tool : Jenkins || Ansible || Terraform

Programming Languages : Python(Basics)

Version Control : GIT

Scripting: Shell Scripting

Containerization Technologies : Docker || K8s

Cloud Computing Platform: Amazon Web Service

Monitoring Tool : Splunk

Operating System : Windows || Linux(Ubuntu)

Other Tools: VSCode || GitHub || Canva || Figma || Unity

CERTIFICATIONS

[Certifications: Link](#)

Completed AWS **Certified Cloud Practitioner**

2024

Completed AWS & DEVOPS course (July 2024 – Oct 2024) with **Greens Technologies**.

2024

Completed an internship at **OneCloud Hub**

2023

ACHIEVEMENTS

Awarded **Second Prize for Mini Project** conducted in Sri Eshwar college of Engineering.

2023

Mentor - **AR/VR and Gaming & Animation** Centers of Excellence (COE).

2023-2024

Leet Code: 80+ problems solved || **Leet Code ID:** [Leetcode](#)

Skill Rack: 450+ problems solved || **Skill Rack ID :** [21beadmit302](#)