

CLOUD AND DEVOPS ENGINEER

OBJECTIVE

CS student specializing in AWS and DevOps, familiar with full-stack development. Proven open-source contributor in the Cloud and DevOps community, known for collaborative ,solving the problems and knowledge sharing. Eager to apply skills and innovation in a cloud and devops based role.

EDUCATION

Dhanalakshmi Srinivasan Engineering College (Autonomous) - Perambalur

- B.E Computer Science Engineering [2021 - 2025]
- CGPA : 8.96

Holy Cross Convent Matriculation Higher Secondary School - Dindigul

- 12th : 85.6%
- 10th : 81%

SKILLS

Proficient with

- **Cloud Computing** - Amazon Web Services (AWS)
- **Automation using Scripting** - Bash Scripting(shell), HCL, Json, Yaml, python Boto3,
- **Devops Tool's** - Linux, git, Docker, Kubernetes, Terraform, snyk scan, Postman, trivy scan, Prometheus, Grafana
- **CI/CD pipeline** - Jenkins, GitHub Action, Aws code pipeline, Argocd

Familiar with:

- **Programming Language** - HTML, CSS, Javascript, Python, Java, Golang
- **Web Framework** - Django,Flask,MERN Stack (MongoDB, Express.js, React.js,Nodejs)
- **Database and SQL** - Mysql, Nosql

General

- **Language Skills** - Tamil , English

CERTIFICATION

- AWS Academy Graduate - AWS Academy Cloud Architecting
- AWS Cloud Quest: Cloud Practitioner
- AWS internship completion - Teachnook
- Introduction to Containers, Kubernetes, and OpenShift V2
- Networking Basics - Cisco
- Our favourite seabird badge (Linux fundamentals) - Hack The Box

Click them to view in Credly..

PROJECTS

Elastic-Cloud-Solution-project

- **Objective:** Establish a robust and Scalability architecture across two Virtual Private Clouds (VPCs) on a cloud platform.
- **Technology Used :** AWS (VPC(Peering Connection), EFS, Session Manager, EC2, Application Load Balancing, Shell Scripts, Terraform,)
- [CLICK HERE TO VIEW MORE ABOUT IN GITHUB](#)

E-commerce Django Website

- **Objective:** deploying a full-stacked monolithic architecture E-commerce Django website on AWS Elastic Beanstalk using AWS Elastic Container Registry (ECR) by adding Cloud Watch monitoring and Simple Notification Service (SNS) for alerting.
- **Technology Used :** Django framework, Docker, AWS (RDS, ECR, Beanstalk, Cloud watch, SNS,)
- [CLICK HERE TO VIEW MORE ABOUT IN GITHUB](#)

Server-less Web App

- **Objective:** Building an three tier Micro services architecture web application with server-less back end using RESTAPI's.
- **Technology Used :** Html,Css, javascript,Postman, Python, Terraform, AWS(Dynamodb,Lambda,API Gateway,S3,Cloudfront)
- [CLICK HERE TO VIEW MORE ABOUT IN GITHUB](#)

DevSecOps project

- **Objective:** Deploying a micro services architectural web application in eks through GitHub action CI pipelines and deploy using Gitops and monitoring the resources and notify in slack channel.
- **Technology Used :** Html,css, JavaScript,Golang, Terraform,Docker,snyk scan, Grafana, Github Action, Hashicorp vault,ArgoCD,Slack, AWS (EC2, cloudwatch ,VPC, EKS,)
- [CLICK HERE TO VIEW MORE ABOUT IN GITHUB](#)