

# YUVARAJ K

## CLOUD AND DEVSECOPS ENGINEER

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### OBJECTIVE

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I'm a Passionate CNCF Enthusiast contributing to cloud-native projects, and driving DevOps innovation. Proven open-source contributor in Cloud and DevOps, known for collaboration, problem-solving, and knowledge sharing. Eager to apply skills in a cloud and DevOps role

### EDUCATION

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#### Dhanalakshmi Srinivasan Engineering College (Autonomous) - Perambalur

- B.E Computer Science Engineering [2021 - 2025]
- CGPA: 9.1

#### Holy Cross Convent Matriculation Higher Secondary School - Dindigul

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

### SKILLS

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#### Proficient with

- **Cloud Computing** - Amazon Web Services (AWS)
- **Automation using Scripting** - Bash Scripting(shell), Json, Yaml, python Boto3,
- **Devops Tool's** - Linux, git, Docker, Kubernetes, Ansible, 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

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- 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

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### PROJECTS

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#### 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,)
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#### 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, )
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#### 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)
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#### 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,)
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