

# ARAVIND REDDY MALLURI

## SOFTWARE ENGINEER



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## SKILLS

- Python
- Amazon Web Services
- UX/UI Design
- Azure
- React
- Kubernetes
- Docker
- Terraform

## EDUCATION

**M.TECH (INTEGRATED)  
SOFTWARE ENGINEERING**  
Vellore Institute of Technology  
2016 - 2021  
CGPA - 8.72

**BOARD OF INTERMEDIATE  
EDUCATION**  
Sri Chaitanya Junior College  
2014 - 2016  
PERCENTAGE - 96

**BOARD OF SECONDARY  
EDUCATION**  
VSN Siddhartha High School  
2013 - 2014  
CGPA - 9.3

## PROFILE

I have always believed that the “combination of hard work and smart work is efficient work”. I have always been motivated by the fields of science and technology since childhood, which still is an integral part of my life. I always believed that practical usage and applications of a subject makes one perfect and get a professional hold on it.

## EXPERIENCE

AWS DevOps/Cloud Automation Engineer • 2021 - Present

### SysCloud Technologies PVT LTD

I am currently working in the DevOps and SRE Team. Currently, I am working on Kubernetes that provides an easy way to package, deploy services, allow for process isolation, efficient resource utilization and light-weight in creation. I had automated several tasks using Bash scripting and Python to reduce the manual work. I had worked on containerization of few internal services using AWS services like ECS, Fargate and ECR to move from monolithic architecture to microservices.

AWS DevOps/Cloud Automation Engineer Intern • 2020 - 2021

### SysCloud Technologies PVT LTD

I had successfully completed my Internship in this company for 6.5 months. I wrote several automation scripts for creating the AWS infrastructure with the help of python. I had worked with my team on the Infrastructure management. I had enforced better security measures for the company's AWS accounts. I had implemented proactive solutions rather than taking reactive measures by writing several monitoring scripts with the help of AWS Lambda.

UX/UI Developer Intern • 2019

### Yebelo Technologies PVT LTD

I worked as UX/UI Developer Intern for one month in yebelo technologies. I was Responsible for creating layouts and designs for the new websites with the help of figma.

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## SOFTWARE ENGINEER

### ACHIEVEMENTS

I had written a complicated automation scripts for my company and saved the company time and money. I had worked on moving the existing monolithic application to microservices.

I took part in NSS camps during my college days and got to the position of group leader. This gave me valuable insights into team work and coordination.

### LANGUAGES

- ENGLISH
- HINDI
- TELUGU
- FRENCH
- TAMIL

### INTERESTS

- Sports
- Programming
- Music
- Researching
- Driving
- Writing
- Blogging
- Researching

### PROJECTS

#### FACE MASK DETECTION ALERT SYSTEM

• 1<sup>st</sup> April 2020

As no of covid-19 cases are increasing a lot in the world. Everyone must use the face mask and maintain the social distancing. Many people are neglecting to wear the mask when they go outside. This will cause to increase in covid-19 cases. To avoid such cases I had implemented the face mask detection alert system. The basic advantage of face mask detection alert system is that it identifies the person who is not wearing the mask. After identification, It will send an email to the authority that the identified person is not wearing the mask with his/her photo as an attachment.

Programming Languages Used - Python

Libraries Imported - OpenCV2, Keras from TensorFlow, sklearn

Algorithm Implemented - Convolutional Neural Network Model

#### MOVIE RECOMMENDATION SYSTEM

• 2019

I had implemented the movie recommendation system using Python. In this implementation, when the user searches for a movie the system will recommend the top 10 similar movies using our movie recommendation system. I had used an item-based collaborative filtering algorithm.

- Getting the dataset and analyzing the data.
- Removing the noise from data.
- Visualizing the data
- Removing sparsity
- Making the movie recommendation system model
- Finally, recommend some movies for the user based on input.

I hereby declare that all the information furnished above is true to the best of my knowledge

Yours sincerely,

Malluri Aravind Reddy