

ARAVIND REDDY MALLURI

SOFTWARE ENGINEER



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SKILLS

- Python
- Amazon Web Services
- Operating Systems
- Data Structures and Algorithms
- Computer Networks
- Kubernetes
- Docker
- Machine Learning
- UX/UI Design

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

Software 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.

Software 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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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

• 1st 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

AI - POWERED ATTENDANCE SYSTEM

• 2019

The project focus to diminish the manual intervention and saving time to produce precise results from the student's attendance using the modern methods in the field of Artificial Intelligence. So this project focuses on creating an automated system using Artificial Intelligence that captures the attendance of students using preinstalled cameras in the classes. I had used few AWS Services to mark and store the Attendance in DB.

Programming Languages Used - Python

Packages Required - Boto-3, Opencv, Django, Requests

AWS Services Required - Amazon S3, Amazon recognition Service, API Gateway, Lambda, Dynamo DB

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

Yours sincerely,

Malluri Aravind Reddy