

# SARVESH M

6385827303 224003179@sastra.ac.in sarvesh\_linkedin sarvesh\_github

## Education

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### SASTRA DEEMED TO BE UNIVERSTIY, KUMBAKONAM

OCT 2020 – JUN 2024

Computer Science and Engineering

Coursework: DBMS, Data structure, Design Analysis and Algorithms, Operating Systems, Computer Networks

### KAMALA SUBRAMANIAM MATRIC HIGHER SECONDARY SCHOOL, THANJAVUR

Secondary School of Education, Higher Secondary School of Education

## Technical Skills

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Languages/Database: C,C++(proficient),python

Data Analysis: Numpy,Pandas,Matplotlib

Frontend: HTML,CSS,JAVASCRIPT

DataBase: MySql

Framework: Flask,Django

Developer Tools: IntelliJ,VS Code,PyCharm,Eclipse,WordPress

## Projects

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### Implementation of Enterprise Network | Cisco Packet tracer,Ns2 Simulator,python [Git](#)

OCT 2022– DEC 2022

- **Network Service Lead:** Designed and executed secure network service for ALPHITE's new building implementing HA protocols and robust security measures.
- **Optimized Availability:** Deployed OSPF, VLANs, DHCP, and DNS protocols, enhancing network availability and data flow efficiency.
- **Security Expertise:** Integrated Port security, ssh, ensuring data protection

### Skin Cancer detection using DCNN | Python,ML(DCNN),Flask [Git](#)

FEB 2023–MAY 2023

- **DCNN-based Skin Cancer Detection:** Developed an innovative method for early skin cancer identification using Deep Convolutional Neural Networks (DCNNs), enhancing medical image analysis capabilities.
- **Model Optimization and Validation:** Enhanced a pre-trained DCNN model with HAM10000 skin lesion data, achieving state-of-the-art performance in skin cancer diagnosis, as validated through rigorous testing.
- **User-Friendly Flask Web App:** Created an accessible Flask web application to facilitate user interaction, enabling seamless utilization of the skin cancer detection method for enhanced early diagnosis and medical decision-making.

## Certifications

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ACM Summer School:Algorithms for Data Science

Academor : Data Science and Algorithms

DevTown : Hotstar clone (Landing page)

Coding Mafia : Data structures and Algorithms

## Honors

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Solved 250+ Problems on Codechef, Leetcode, Hackerrank

TO VISIT MY WEBSITE : [sarveshlakshminarayana](http://sarveshlakshminarayana)