

# Sanket Vavadiya

 [sanketvavadiya249@gmail.com](mailto:sanketvavadiya249@gmail.com)

 [github.com/vavadiyasanket](https://github.com/vavadiyasanket)

 [linkedin.com/in/vavadiya-sanket](https://linkedin.com/in/vavadiya-sanket)

## Objective

Continuously grow practical skills in interesting-challenging-emerging fields and make achievements along with good health, wealth and satisfaction.

## Technical skills

Language: Java, C++, C, Python (Basics), JavaScript, SQL

Data Structures and Algorithms

Core subjects: OOP, DBMS, OS

## Education

Bachelor of Engineering in IT

CPI: 8.68/10

Sardar Vallabhbhai Patel Institute of Technology, Vasad (Expected Graduation: 2021)

Higher Secondary Board | 2017

69%

Jay Ambe Vidhyabhavan, Ankleshwar

Secondary School Board | 2015

78%

Smt. P. D. Shroff Sanskardeep Vidhyalaya, Ankleshwar

## Projects

Image Classification | Deep learning

May 2020

- *Python, Keras*
- *Simple Image Classification using CNN from scratch*
- *Image classification using Transfer Learning by feature extraction and fine tuning of pretrained models*
- *Study of Hyperspectral Imaging and Classification*

Inventory Management System | Desktop application

March 2020

- *C#, .net framework, ADO.net*
- *Log-in, Add-Update-Delete item*
- *Salient feature: SAP crystal report provides facility of report generation*

Object Tracking | Computer vision

November 2019

- *Python, OpenCV, YOLO v3*
- *Classification among different 80 objects with very high confidence score using pre-trained YOLO-v3 model*
- *Creates Bounding Boxes around objects and assign them ID no to uniquely identify each object detection*
- *Based on calculated distances between centroids they keep tracking the object in consecutive videoframes*

Online Music Website | PHP

July 2019

- *HTML, PHP, JavaScript, MySQL, phpMyAdmin*
- *Signup-Login, edit profile, Create-Edit-Delete Playlists*
- *Search and play songs by category, author, language, download song if logged-In and account is verified, add to favourites, Verification & Forgot password through registered mail*

## Certificate

- Deep Learning specialization

## Interest

- Coding
- Deep learning

## Extra-curricular

|                                                        |                      |
|--------------------------------------------------------|----------------------|
| Technical coordinator – Coding club, SVIT              | June 2019 - May 2020 |
| Campus Ambassador – Geeks for Geeks                    | June 2019 – May 2020 |
| Promotion Volunteer – Prakarsh National level Techfest | February 2019        |
| Event co-head – Vision Festival at SVIT                | September 2018       |

## Hobbies

YouTube  
Cooking  
Road trips  
Playing cricket