

PROFESSIONAL SUMMARY

- Good understanding of **Machine Learning, Deep Learning and NLP**.
- Experience in **Python, JAVA(Basic) language**.
- Working experience in Python libraries **Speech_recognition, Pyaudio, NLTK, Tensorflow, Numpy, OpenCV**.
- Good knowledge in Machine learning tools like **Spyder, Jupyter Notebook, Orange Canvas, MATLAB**.
- Good knowledge in tools like **Android Studio and Eclipse**.
- Good experience in framework **Darknet and Android**.
- Basic knowledge of **Apache Spark**.
- Good Knowledge in **MySQL, SQLITE, FireBase database**.
- Experience in **HTML, CSS**.
- Working Experience in **Windows, Linux, Android O S**.
- Hands on experience with different embedded boards such as, **Raspberry Pi**.

PROFESSIONAL EXPERIENCE PROJECT DETAIL

Company: **PerfectVIPs**

Embedded Engineer

June 2019 - Present Project

: **Object Detection and Voice Recognition**

Description: Deep learning-based object detector approaches have enabled great advances in using camera imagery to detect and classify objects that **detect** instances of semantic **objects** of a certain class (such as human, car) in digital images and videos. **Voice recognition** using neural networks for recognizing various instances of class (such as sirens used on emergency service vehicles and horn).

Roles & Responsibilities

- Working on object detection project using Machine Learning and Deep Learning models.
- Currently working on voice recognition using neural network classifier, firstly gathered data of voice and applied classification using machine learning.

ACADEMIC PROJECTS

Project : **GST Aware Application**

Description: This is an application that shows and calculate the GST tax of every item. In addition to this it is also check any business or person registered under the GST Act with a unique GSTIN number or not. And if that person or business is not registered under the GST Act, that time this application send the notification to the administrator and that admin has authority to declare that particular person or business as a fraud. Furthermore, it is also provides some guidance and complaint box for users.

Roles & Responsibilities:

- There are several modules in this application and I have done two modules such as, GST calculation module and search GSTIN number and also maintain the database(MYSQL) for the whole application.

Project :Cooking application

Description:In this application I have build three modules in that first module shows the recipes based on the ingredients that are available in your home at that time and second module shows all available recipes based on your interest and third one shows the diet recipes.

Roles & Responsibilities:

- In this application I am responsible for all the modules. And I have used SQLITE database.

TRAINING DETAIL

Company:BISAG,GANDHINAGAR

AndroidDeveloper

Jul 2017 - Apr 2018

Roles &Responsibilities:

- Responsible for making GST Awareapplication.

OTHERACTIVITIES

Participatedintheworkshopon“AndroidwithCS”conductedbyGOOGLEheldatSvbitCollege.**TECHNICALSKI**

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Languages:Python-(Speech_recognition,Pyaudio,NLTK, Numpy, Tensorflow),C, C++,

JAVADatabase:MySQL, SQLITE, Fire base

Tools:Spyder, Jupyter Notebook, Orange Canvas, ANDROID studio,

MATLABFrameworks: Darknet , Android

Web Technologies:HTML,

CSSBoards :Raspberry Pi

Operating Systems:Windows,Linux, Android

EDUCATION

- PursuingM.Tech.inComputerEngineeringfromDDIT,Nadiad,witha1yeardissertationworkinPerfectVIPs.
- B.E in Computer Engineering from SVBIT College, Gandhinagar,Gujarat Technological University, 2018 with 8.53/10.