

# Karthik Bharathi S N

## CAREER OBJECTIVE

To be able to work for an encouraging and stable company that will assist me in developing, improving, and obtaining the necessary skills in order to become the best engineer possible.

## ABOUT ME

**Date of Birth:** 29/09/1999.

**Father's Name:** Narayanan. G

**Gender:** Male.

**Language known:** Tamil, English.

**Marital Status:** Single.

## CONTACT



71/A, Puthuroad,  
Oldsuramangalam,  
Salem, TamilNadu-  
636005.



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gmail.com

## AREA OF INTEREST

- Data Structures and Algorithms.
- Artificial Intelligence.

## HOBBIES

- Music.
- Workout.

## EDUCATION

### 2021 BACHELOR DEGREE

Bachelor of Engineering  
Computer Science and  
Engineering  
Sona College of Technology  
Anna University  
CGPA: 8.47\*

#### Certifications:

NPTEL: Joy of Computing using  
Python.

Coursera: Machine Learning.  
Coursera: Deep Learning  
Specialization.

### 2017 HSC

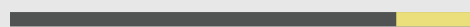
SVN Matriculation Higher  
Secondary School Erode.  
Marks Obtained: 92%.

### 2015 SSLC

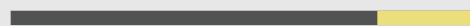
The Little Bird Matriculation  
School, Pattukkottai  
Thanjavur  
Percent: 97.8%.

## PROGRAMMING LANGUAGES

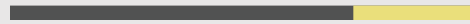
Java



Python

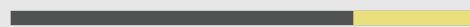


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## DATABASES

SQL



## EXPERTISE

Programming and Data Structures



Machine Learning



## PROJECTS

### REGIONAL LEAF IDENTIFIER

This is a mobile app which uses deep learning to identify the plant species by scanning the leaves. CNN was trained on custom dataset and the network was saved on server and implemented in mobile.

### AUTOMATIC NUMBER PLATE RECOGNITION (ANPR)

The CNN model which was used to detect the number plate by scanning the image of the vehicle. OCR is used to extract the number from the output of the CNN. The model was trained with custom dataset.

### DAILYDOSE (ANDROID APP)

The E-learning mobile app which collectively provides vocabulary and puzzles with progressive updates. My part: An Interface to update data from the source to the database of the Daily dose Android application. Backend was developed using PHP and MYSQL database.

## ACHIVEMENTS

- Won **2<sup>nd</sup> place** in Coding Event (Loop) in HASHTAG 2k19 at CIT.
- Won **2<sup>nd</sup> place** in Coding Event (The Burst) in HASHTAG 2k19 at CIT.
- Progressively Secured **Gold Badge (6 star)** in **Problem Solving** in Hacker rank Platform.

## CO-CURRICULAR ACTIVITIES

- Participated in **ACM ICPC-2019**.
- Attended Workshop on **ANDROID APP DEVELOPMENT** at IIT Madras during the year of 2019.
- Participated in **Google Code Jam-2020**.
- Organized Coding event in Threads'2k19.