Karthik Raja A

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EDUCATION

SSN College Of Engineering   Chennai, India
BE in Computer Science and Engineering; GPA: 9.5   *Aug. 2019 – Present*

P S Senior Secondary School   Chennai, India
Class 12 - Computer Science; Score: 470/500   *June. 2004 – March. 2019*

SKILLS

- **Languages:** : C++ , C , Java , Python , JavaScript , Nodejs , HTML5 , SQL , PHP , Linux Shell Script
- **Technologies:** : React,Node.js, Express.js , Tkinter , TelegramApi , Numpy , Pandas , Bootstrap , Scikit learn , Matplotlib , Django , RESTful API

PROJECTS

- **S-Interpreter**   **2019**
  (C++)   ⌧ S-Interpreter

  Interpreter that interprets and executes a custom programming Language named S-Language. This Language follows a top-down approach, and comes close to being dynamically typed.

- **Telegram Bot(text to speech converter)**   **2020**
  (Python:TelegramBot Api,Google Text to speech Api)   ⌧ Telebot

  A Bot that sends back messages and text files sent to it via Telegram, in audio converted format (mp3).

- **Project RAKSHAK**   **2018**
  (Android Studio,Java, Volley REST Client Library , PHP, 000webhost)   ⌧ RAKSHAK

  This project aims at coordinating rescue efforts for maximum Consists of 2 android applications ,one for the user and one for the rescuer.The User application collects distress calls with crucial information, and sends it to the database which in turn sends these critical information to active rescue teams (on request).Api requests are sent with the help of Volley Library and are handled by Php scripts hosted on 000webhost.The server stores user info in a Mysql database hosted by 000webhost

- **Video to Audio converter**   **2020**
  (Python:- Tkinter, MoviePy)   ⌧ VideotoAudioapp

  GUI based application that converts Videos stored in local device to audio files of preferred format

COURSES

- **Basic Artificial Neural Networks in Python** *(Coursera Guided Project)*

- **COVID19 Data Analysis Using Python** *(Coursera Guided Project)*

- **RESTful API with HTTP and JavaScript** *(Coursera Guided Project)*

- **Build Your First React Website** *(Coursera Guided Project)*

ACHIEVEMENTS

- **HackerRank:** 1)Java (Basic) 2)Problem Solving (Intermediate)

- **CBSE Science Exhibition:** Our team qualified for Nationals round of CBSE Science Exhibition for building an android app that helps in coordinating rescue efforts (2018)

- **Codechef:**   Max rating:1571 3-stars **Handle:** kitrak_rev

- **Codeforces:** Max rating:1370 **Handle:**kitrak_rev