Vicky Kumar

GET IN TOUCH!

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PERSONAL DETAILS

- Current Location   Jaipur
- HomeTown   Noida
- Date of birth   April 08, 1999
- Gender   Male
- Looking for a   Internship
- Can start working   April 2022
- Preferred location   Noida, Anywhere in North India, Jaipur, Anywhere in South India, Delhi

SKILLS

- Firebase
- Python
- Github
- GIT
- HTML
- Heroku
- Deployment
- Database
- SQL
- Java
- Javascript
- CSS
- Esp8266
- Hardware
- Flask
- Image Processing
- Panda
- Numpy
- Opencv
- Game Development
- Forms
- Rest Api
- Client
- Server
- Data Science
- NLP
- Web Development
- Android Development
- IOT

CERTIFICATIONS

- Certificate Course In Software Application

TEST RANKS

- National Eligibility Test (UGC) : 1004

EDUCATION

Graduation

Course	BE / B.Tech (Computer Science)
College	Rajasthan Institute of Engineering Technology, Jaipur
Year of Passing	Graduating In May 2022
Score	8/10

Class XII

Board Name	CBSE
Medium	English
Year of Passing	2017
Score	79.9%

Class X

Board Name	CBSE
Medium	English
Year of Passing	2015
Score	89.3%

WORK EXPERIENCE

Parken Solutions, September, 2020 - May, 2021

- Web Development in Flask Framework, Natural Language Processing and Machine Learning

INTERNSHIPS

Parken Solutions, Jaipur, 9 Month(s)

- Made an IOT Home Automation project to call Google Assistance and Turned Switch ON or OFF of room from anywhere Worldwide, and reflect those changes on Website made with Flask Framework
Also it can be Controlled with Android App too

The procedure was connecting Adafruit cloud service with IFTTT and Sending voice data from Google Assistance to Adafruit Database then fetching this data to my website and resending it to Firebase database then fetching to ESP32 with Arduino IDE

PROJECTS

Home Automation, 3 Week(s)

- Made an IOT Home Automation project to call Google Assistance and Turned Switch ON or OFF of room from anywhere Worldwide and reflect those changes on Website made with Flask Framework
Also it can be Controlled with Android App too

The procedure was connecting Adafruit cloud service with IFTTT and Sending voice data from Google Assistance to Adafruit Database then fetching this data to my website and resending it to Firebase database then fetching to ESP32 with Arduino IDE

IOT Car Parking System, 2 Week(s)

- Our Team went to Poornima College for Hackathon where we presented our idea of how effectively we can park our cars on parking slots near malls or large areas results in easy to search slot

Realtime empty slots are detected using IR Sensor and this data is sent to firebase then fetched to the website made with flask framework and deployed to Heroku.

This website is multifunctional as it includes a portfolio, a file-sharing system, a morse code

LANGUAGES KNOWN

- English
- Hindi

converter, ipynb file reader, News, real-time IOT LED data, Car Parking System, and a Playfair Cipher encrypter.

MNIST-SCANNER, 5 Day(s)

- Opencv was used to detect image from either the mobile camera or Webcam

The image was recognized by Keras Sequential model
and Predicted as a number from 0 to 9

The image was saved to Device using OS library

REST API, 3 Day(s)

- CRUD Post and Get method learned from Udemy

Virtual JoyStick, 2 Week(s)

- Steer in Air Virtually as Joystick to play game

OpenCV is used to detect the skin color of Hands in the steering position.

Two hands from the front view seem like 2 Circles from the webcam.

It finds centers of Two Circles.

Assigned x and y coordinates of both Circles.

Finds Distance between two points to get Speed.

Also finds a Slope of two points to get Angle and Fixing left and right direction in the controller.

Accordingly, A, D, S, W ... the key is Pressed using ctypes Python library.

Watch Out Car Crash Game, 3 Day(s)

- Pygame library was used to create this Game in python language

Socket Chatting, 2 Week(s)

- Chat between two laptops in the command line and save history in a folder to fetch on every open

Both Laptops must be connected with the same Hotspot

SMTP Email and QRCode, 4 Day(s)

- Read or Generate QRCode and mail it to someone

Opencv was used to read QRCode from either the mobile camera or webcam

SMTP library was used to send mail using Python language

Covid 19 Statistics, 2 Day(s)

- Github Repository was forked and added my python file then merged in the main branch.

Web scrapping the Covid 19 Status website and fetched table of Death and Recovered Rate using request library

BeautifulSoup library was used to parse and extract data from the table then pandas was used to apply data science on data.

Amazon Price Tracker, 1 Day(s)

- The repository was forked and added my file then merged in the main branch.

Web scraping was used to read data of a product from the Amazon website

Amazon price tracker Python app that regularly compares the price of your favorite product on Amazon and sends you a customized notification mail informing you about the fallen price

Request library was used to read the webpage and BeautifulSoup for parsing.

AWARDS AND HONOR

- 3rd position as Internship Test Winner in BE / B.Tech
- OnspotHackathon IOT Car Parking System conducted by National Institute of Technology, Durgapur

where our team made a Realtime Car Parking System.