Niranjan Subba Hegde

STUDENT

Details

#204A, Amaravati Gents PG, Near Brookfield Mall, Behind HP Petrol Bunk, Kundalahalli, Bengaluru, Karnataka, India 560037

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14th September 1999

Technical Skills

- Python
- Java
- HTML, CSS, JS
- MySQL
- Arduino
- C, C++
- React JS
- Django, Flask

Soft Skills

- Good Communication Skill
- Inter Personal Skill
- Problem-solving Skill

Accomplishments

- Project sponsorship by KSCST – SPP 44th Series, *(2021)*
- Project sponsorship from Texas Instruments IICDC, *(2020)*
- 1st prize for the project in SRISTI-2018 organized by ABVP
- Cleared NMMS exam and got a Scholarship, *(2013)*

Certifications

- Programming, Data structures and Algorithms Using Python, *(NPTEL)*
- Database Management System, *(NPTEL)*
- Satellite Photogrammetry and its Application from IIRS Outreach Program, *(ISRO)*

Profile

I am a final year B.E. Information Science student with good programming knowledge and having robust problem-solving skills. I have done multiple projects related to Full Stack development and IoT. Dedication is my key strength.

Education

B.E. (Information Science and Engineering), **CMR Institute of Technology, Bengaluru**
August 2017 – September 2021
CGPA: 8.10

PUC (PCMCs), **MPES S.D.M. PU College, Honnavar**
June 2015 – July 2017
Percentage: 87.83

SSLC, **New English School (Kannada Medium), Honnavar**
June 2014 – May 2015
Percentage: 90.08

Internship

Developer Intern, Mcware Technologies LLP, Bengaluru
January 2020 – March 2020

- Built a website using HTML, CSS, JS for front-end and Python Flask for back-end.
- Automated the process of converting excel sheets containing images and corresponding data to the database.

Academic / Personal Projects

- **BedaruBombe – IoT Based Automated Scarecrow (present):** An automated scarecrow (BedaruBombe) to detect threats in agricultural land using computer vision and take inevitable preliminary actions against it to scare away and inform the concerned farmer, regarding the threats.
- **E-Document Classification using Machine Learning:** Classify pdf books/documents into corresponding catgeories.
- **Automatic Night Light for Temple Shikhara:** Automatically turns on the light of shikhara during night time and while turns off during day time.
- **IoT Based Smart Air Quality Detector:** IoT-based low-cost air quality detection and alerting system for different kinds of users.
- **Blog Management System:** Website for managing blogs and provide a good interface to write blogs for different users.
- **VTU SGPA/CGPA calculator:** Program to calculate and display SGPA or CGPA for VTU students.
- **RF Pump-set Motor Controller:** Controlling Pump-set motors remotely from farmer's home and know different statuses such as voltage, current, and water levels. Which has auto starter technology, and auto-off on the low water level. Mainly used in remote villages.
- **Program to find the frequency of words and characters in a file:** C Program for calculating the number of words, frequency of words, number of characters and frequency of each character in a given text file.

Languages Known

- **Kannada -** Expert
- **Hindi –** Intermediate
- **English –** Proficient