Sridhar Vempati

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PRESENT ADDRESS	PERMANENT ADDRESS
School of Engineering	Roop Vihar Apartments,Raja Street
Central University of Karnataka	Syamala Nagar,Tilak Road
Gulbarga,Karnataka-585311	Rajahmundry,Andhra Pradesh-533103
India	India
Phone no. - 9440240316	Phone no. - 7624922503

Introduction

I am pursuing my B.Tech 1st year in Electronics and Communication Engineering from Central University of Karnataka, Gulbarga, Karnataka, India. I am interested in the Internet of Things (IoT), Artificial Intelligence(AI), Embedded Programming, Image Processing. As part of my curriculum, I have done some projects viz Home Automation by Voice Control using Arduino, Weather Station using ESP-32 and BME-280 sensor and I am currently working on Face Recognition using Camera Module and Raspberry Pi 3B.

GitHub Account: `https://github.com/Sridhar1502`
LinkedIn Profile : `https://www.linkedin.com/in/sridhar-vempati-2570b9193/`

Area of Interests

Internet of Things(IoT), Artificial Intelligence & Machine Learning, Embedded Programming, Image Processing, Web Designing, Flutter App Development

Education

- **Central University of Karnataka**   2019-present
  Persuing my B.Tech in Electronics and Communication Engineering from June 2019 onwards.
  Anticipated year of passing: 2023

- **Tirumala Jr. College, Andhra Pradesh**   2017-2019
  Board of Intermediate Education, Andhra Pradesh
  CGPA- 9.73

- **Bhashyam E.M School, Andhra pradesh**   2016-2017
  Board of Secondary Education, Andhra Pradesh
  CGPA : 10.00

Projects

- Home Automation by Voice Control using Arduino Uno R3

- Weather Station using Esp32

- Facial Recognition Door Lock using Raspberry Pi (Ongoing)

Computer Proficiencies

- Flutter & Dart-(Beginner)
- C -(Intermediate)
- Python -(Intermediate)
- HTML5- (Beginner)
- FreeCAD -(Intermediate)
- Latex-(Intermediate)

Memberships

- **Institute of Electrical and Electronics Engineering (IEEE)**   2019-present
  IEEE Membership No. - 96100611
  Student Branch Central University of Karnataka

- **International Association of Engineers (IAENG)**   2020-present
  Membership No.-254271

- **National Society of Professional Engineers (NSPE)**   2020-present
  Membership No. -300752046

Additional Courses

MATLAB Courses

- MATLAB Onramp

- Machine Learning Onramp

- Introduction to Linear Algebra with MATLAB

- Deep Learning Onramp (Ongoing)

- MATLAB Fundamentals(Ongoing)

The App Brewery

- Introduction to Flutter and Dart

Coursera

- Crash Course on Python

- Python Data Structures

- Introduction to HTML5

Workshops and Seminars Attended

- Webinar on **Deep Learning Based Video Analytics For Surveilnace IOT Applications** held by IEEE Computer Society CHAPTER -HYDERABAD Section on 6th August 2020

- Webinar on **Art of Success for Civil Services** organised by Department of Electronics and Communication Engineering, Hirasugar Institute of Technology, Nidasoshi in association with ALS Satellite Education, Delhi on 11th July 2020.

- One day Workshop on **LaTeX** at University of Hyderabad held on 29th Feb 2020 conducted by IEEE Hyderabad Section.

- Expert Lecture Series on **Machine Learning, Internet of Things, Artificial Intelligence, Cloud & Data Analytics** held on 9th August 2019 by IEEE Computer Society, Central University of Karnataka

Awards

- **Got 2nd Prize for Home Automation using Voice Control by Arduino Uno** Project in Techno-Nirman 2019 conducted by School of Engineering, Central University of Karnataka.

Other Links

- Find my Certificates here