

Sridhar Vempati

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Introduction

I am pursuing my B.Tech 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/>

Coursera Account: <https://coursera.org/share/1f69e6fc256d35fb1d4862defa95b6c6>

Area of Interests

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

Education

- **Central University of Karnataka** 2019-present
Pursuing 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 Undertaken

- Home Automation by Voice Control using Arduino Uno R3
- Weather Station using Esp32 (Mini Project)

Experience

Internship(s):

- **Python Project Development Internship at Codespeedy**
Duration: **1 month**, from 11th July 2020 to 11th August 2020
Find the Certificate and Offer Letter *here*

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
- Logistic Regression with NumPy and Python

Workshops/Seminars/Webinars Attended

- Webinar on **Benefits of IEEE Membership** held by IEEE Student branch Central University of Karnataka on 21st August 2020.
- Webinar on **Deep Learning Based Video Analytics For Surveillance 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/Participations/Selections

- **Got selected in First Round of National Engineering Olympiad 3.0** held from 24th April 2020 to 28th April 2020. Selected to Second Round. Get Certificate *here*
- **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 on 15th August 2019.

Other Links

- Find my Certificates *here*
- I have done some Coursera Projects in Coursera project Network. Please find the certificates *here*.
- Get my Updated Resume *here*.