

# HARISH T H

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## OBJECTIVE

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Endeavor towards personal and professional growth by embarking on new and challenging assignments.

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## BASIC ACADEMIC CREDENTIALS

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Qualification	Passing year	Institute Name	University /Board	CGPA/Percentage	Branch
Mtech	2021	The National Institute of Engineering, Mysuru	Vishweshvaraiah Technological University	8.94 CGPA	Industrial automation and robotics
BE (Bachelor of Engineering)	2019	Vemana Institute of Technology	Vishweshvaraiah Technological University	6.96 CGPA	Electronics and communication engineering
PUC	2015	Vijaya Composite PU College	Department of Pre-University Education Karnataka	70.5%	PCMB
10th	2013	Seema English High School	Karnataka Secondary Education Examination Board	86.08%	School

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## **TECHNICAL SKILLS**

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1. Languages: Basics in C, C++ and Python.
2. Tools used: MS office, MATLAB, KiCad, CodeBlocks, Arduino IDE, PyCharm.
3. Operating Systems worked on: Windows 10/7/XP, Xilinx code ISE 9.2i.

### **BE Project:**

**Topic:** “An IOT based wireless air pollution monitoring system using low cost and energy efficient sensors.”

**Brief Description:** As a group of 4 members, in this IOT project, we had monitored the pollution level from anywhere using the computer or mobile. The values detected can be shown in the form of graph and the SMS can be sent through GSM modem to the Pollution Control Board and nearby Traffic Control Unit so that proper measures will be taken by them to control air pollution. The SMS contains latitude and longitude readings, google maps link which is tracked by GPS module.

**My Role:** Being one of the team member of the project group, I had taken following responsibilities;

- 1) Part of Literature survey
- 2) Architectural and Block design
- 3) Hardware testing
- 4) Part of Final PPT Presentation

### **BE Internship:**

Did my internship on learning the basics of “Data Science with R” at “VEMANA INSTITUTE OF TECHNOLOGY, Bengaluru”

### **Current Mtech Project\*:**

**Topic:** “Fit Light- A Smart Wireless Fitness Training System Using Neopixel.”

**Brief Description:** The proposed system focuses mainly on fitness training and the Fit Light is a unique wireless reaction training system comprised of Time-of-Flight (ToF) LiDAR, RGB LED’s and ESP

WROOM-32. The Fit Lights are used as targets for the user to deactivate and can be adapted for all sports and training regimes. This training system is designed to capture human performance, targeting reaction time, speed, agility, coordination – all measured for immediate performance feedback via IoT cloud platform.

**My Role:** I alone have taken up the following complete responsibilities of the project;

- 1) Literature survey
- 2) Architectural and Block design
- 3) PCB design (including etching)
- 4) Hardware and Software testing
- 5) Mobile Application design
- 6) Final PPT presentation

### **Current Mtech Internship\*:**

Currently pursuing internship on “IIoT and embedded systems” at “METI M2M INDIA PVT LTD, Mysuru”

### **Strengths:**

1. Willingness to Learn
2. Leadership qualities
3. Virtuous communication skills
4. Confident carrying Positive mindset
5. Positive conscience towards work culture

### **Hobbies:**

1. Poetry
2. Gaming
3. Learn about latest technologies and developments

**Personal Details:**

Name: Harish T H

Age: 24

Date of birth: 20/03/1997

Father name: Hanumantha Raju T V

Mother name: Padmavathi

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**DECLARATION**

I hereby declare that all the above mentioned details are true to the best of my acknowledgment.

PLACE: Bengaluru

NAME: Harish T H