




# SIDDARTHA H P

 +91 6360836015/9945919012  
 [siddharth02061999@gmail.com](mailto:siddharth02061999@gmail.com)  
 #13, 3<sup>rd</sup> Cross,  
jnanjyothinagar, Bengaluru  
South  
Bengaluru, Pincode-560056



## OBJECTIVE

To enhance my working capacity, professional skills, business efficiencies and to serve my organization in best possible way with determination and commitment.



## TECHNICAL SKILLS

- Programming languages: - Basics of Python: - Core python which includes control Flow statement, Data types, Operators.
- Web Technology: -(Front-End) HTML/CSS: - Tags and attribute selectors.
- Software/Computer skills: - Keil µ Vision5, Xilinx, NI Multisim, Visual Studio, PyCharm
- Hardware skills: - Arduino Uno



## INTERNSHIP

- **Vitvara Technologies**

EMBEDDED SYSTEM DESIGN AND IOT

The projects completed during the internship are: -

- Home Automation using IoT
- Password based door lock
- Solar tracking system
- Automatic door control using switch



## EDUCATION

- **(2014) SSLC – 76.9% | SPMHS, Bengaluru**
- **(2017) Diploma in Electronics and Communication – 65% | VJP College, Bengaluru**
- **(2021) B.E in Electronics and Communication – 6.73 CGPA | NMAM Institute of Technology, Nitte**



## PROJECTS

- **Smart city with digital features using ARM controller – Final year diploma project**

The project aims to bring smartness in different aspects of any city such as density-based traffic monitoring, smart garbage management, intensity-based street light monitoring and digital water supply system.

- **Buzzer alarm using 555 IC**

This project circuit is designed with a low-cost hardware using IC 555 timer, buzzer, a few resistors and capacitors. It is made to be working reliably as it has simple to use and not so sensitive hardware like 555 timer, ceramic buzzer, capacitors.

- **LCD display using FPGA kit**

Verilog code to display characters onto the LCD of a Xilinx FPGA board.

- **Over Under voltage protection using LM393 IC**

over under voltage protection circuit this circuit can be used for both ac and dc load you can set over voltage and under voltage limit when voltage goes above the over voltage limit or goes down the under voltage limit the relay turns off

- **AUTOMATIC INHALATION RESUSCITATOR (A.I.R) – Final year project (BE)**

The project A.I.R is constructed by integration of Pulse sensor, Pressure sensor, Servo motor, Ambu bag, and the support structure together. All sensors provide accurate output values. When constructed it is used as a Low-cost emergency ventilator that anyone can afford and operate easily



## CERTIFICATIONS

- Certificate of “**National Digital Literacy Mission**” for successfully

Passed in ‘Appreciation of digital literacy’ examination conducted by National Institute of Electronics and Information Technology under the scheme of “National Digital Literacy Mission” of Department of Electronics & Information Technology (Deity), Ministry of Communication & Information Technology, Government of India.

- Certificate of “**PMKVY**” for successfully cleared the assessment for the role of Field Technical Computing and Peripherals conforming to National Skill Qualification Framework.

- Certificate of “**Barclays Life Skills Programme**” from GTT foundation. The training is exclusively designed to enhance the employability skills of the youth and make them future ready.



## SKILLS

- Interest in learning new things
- Good leadership qualities
- Good creative skills
- Good communication skills
- Able to work independently



## PERSONAL INFO

- Date of birth – 02/06/1999
- Personal mail – [www.siddharth02061999@gmail.com](mailto:www.siddharth02061999@gmail.com)
- Languages known – Kannada, English
- Hobbies – Listening various Music, Mobile photography, Video Editing



## DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge.

Yours faithfully  
(Siddartha H P)