

# **Shashank Bhowmick**

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## **Career Objective:**

Aim to be placed in a challenging environment where I can utilize my skills and knowledge to the best of my abilities and contribute positively to my personal growth as well as the growth of the organization.

## **Professional Experience:**

### **Venus Data Products, Ahmedabad.**

May 2018 to April 2019

- ❖ 11 months of professional experience as a Service Engineer. Venus Data Products is a service center for Apple products and as a service engineer, my responsibility was to understand the issue with the device and then troubleshooting by service, repairs or part replacement.
- ❖ Day to day responsibilities included maintenance of stock, taking a chat with the ACS team(Bangalore) regarding the products for the mail-in process.
- ❖ Also having experience in customer handling in personal and intimation to the customers regarding their products on call.

## **Educational Profile:**

- ❖ B-Tech in Electrical and Electronics Engineering(2018 passed out) from Indus University, Ahmedabad with 7.75 CGPA.
- ❖ 12<sup>th</sup> Standard, Science(2014 passed out) from P N Amersey High School with 52%
- ❖ 10<sup>th</sup> Standard(2012 passed out) from Shree Swaminarayan Vidhyalaya with 78.2%

## **Industrial Training:**

### **Electrotherm (India) LTD. Ahmedabad.**

Jan 2018 to May 2018

- ❖ Completed my training as a trainee in the R&D department of HEV(Hybrid Electrical Vehicle) under Mr. Arun Sagar, HOD(HEV)
- ❖ Also completed my last semester final year project in the same department.
- ❖ In this training program, I was able to apply all my theoretical knowledge of electrical and electronics components in practical.

**Genus Electrotech Pvt LTD, Gandhidham.**

20<sup>th</sup> June to 1<sup>st</sup> July 2016

- ❖ Completed the industrial training program as a trainee in the PCB manufacturing division for 10 days under the guidance of Mr. Anil Kumar Singh Chauhan, Manager (HR & IR)
- ❖ Learning end to end process of PCB manufacturing from routing to quality check. Interacted with the senior person of each department and understood each and every process.

#### Projects:

##### **Major Project:-** Flyback Converter

- ❖ It was an AC to DC converter which used to convert 230 V AC input to 48 V DC output.
- ❖ In this project the AC voltage was converted to DC with the help of rectifier then the voltage was reduced using a step-down transformer with the help of MOSFET which used to provide a pulse to the transformer. The DC output from the transformer then passes through the filter circuit for smooth waveform and desired output.
- ❖ If the output was not of the desired value then the converter also had a feedback circuit which used to sense the output and then send signal to the IC used in pulse generation to change pulse.

##### **Minor Project:-** Light & Shadow detector

- ❖ The project was made using LM741 IC and photoresistor which is used to sense the presence of light or shadow and provide output.

#### Workshops:

- ❖ Completed one day workshop on Industrial Automation & Embedded System conducted by Sofcon India Pvt LTD. at Indus University.
- ❖ Attended a workshop on Energy Conservation Awareness conducted by GEDA(Gujarat Energy Development Agency) at Indus University.
- ❖ Also participated at other national level technical colloquium organized at Nirma University.

#### Skills:

- ❖ Basic level of proficiency in MS Office and other computer skills on Windows and Mac OS.
- ❖ Software package like Proteus, basic level PCB design using Eagle and OrCAD
- ❖ Knowledge of power electronics, industrial automation and basic concept of Arduino.

#### Declaration:

I hereby declare that the information given above is correct and true.