Sanket Ghadshi

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**Objectives**

To utilize knowledge gained through academics in my profession and to generate results conducive for growth of the organization and myself.

**Education**

B.E in Electronics and Telecommunication Aggregate – 56.56%

(Mumbai University, 2012)

H.S.C (Science) Percentage – 68.67%

(Bhavan’s College, 2007)

S.S.C Percentage – 73.86%

(Our lady of Nazareth School, 2005)

**Experiences**

* **Maxim Peripherals| Goregaon (E)**

**Customer Service Engineer** (*April 2013- April 2015)*

*Troubleshooting and Development of POS, Label, Dot-Matrix printer.*

*Solving Remote desktop issue and On- site issue****.***

* **Magnetic Brains | Vasai (E)**

**Design Engineer**  *(April 2015- July 2016)*

*Embedded designing, Design project based on arduino (AVR),*

*Troubleshooting Embedded Products/Power Supply*

*Reverse Engineering*

*Worked on Eagle, Mentor Graphics(PADS), Orcad, Altium.*

*Single sided, Double sided, SMD, PTH.*

*Making BOM for Design, Generation and Editing of Gerber File*

* **Indraya Energy | Bhandup (W)**

**Hardware Engineer (PCB designer)**  *(July 2016-Jan 2018)*

*PCB designing of Power Inverter. Analog Layout Design*

*PCB designing (Mentor Graphics(PADS), Eagle, Altium Designer, Pspice)*

*Simulation and analysis of cirucit*

*Reverse Engineering*

*Footprint creation, Library Creation by referring datasheet*

*Power Design Troubleshooting*

*Handling assembly & soldering of PCB.*

*Making BOM and arranging components for product*

*Generation and Editing of Gerber File*

*3d view of PCB, part creation.*

**Projects Details**

* Company Name – Indraya Energy

Project Name – Home UPS Inveter

Project Details – PCB Layout Design of 900VA Pure SINE WAVE inverter with

solar card interfacing card features.

Duration – 2 month

Responsibility – PCB designing

* Company Name – Dewlite LED

Project Name – PS-120W

Project Details – Power Supply Design of 120W Single Sided Board

with SMT component on bottom for Railways

Duration – 1 month

Responsibility – PCB designing

* Client Name – Nishant

Project Name – Zigbee Based Smart Automation

Project Details – Controlling your Home Applicances on smartphone with the use

of zigbee based on Raspberry Pi.Redesign Circuit as per requirement.

Duration – 2 month

Responsibility – PCB designing

* Company Name – Magnetic Brains

Project Name – MagSol

Project Details – Power Supply Design for Soldering Machine MagSol

Duration – 1 month

Responsibility – PCB designing

* Company Name – ION Electricals

Project Name – PID Controller Display

Project Details – Reverse Engineering of displays schematic and

Optimizing them.

Duration – 1 month

Responsibility – PCB designing

* Company Name – UES

Project Name – Smart Cooler

Project Details – Controlling Cooler through Remote Control

Duration – 15 days

Responsibility – PCB designing

* Other Mini Project as freelancer such as Relay controller, Motor Controller, Current Transformer, 12-1A power Supply.
* Mini project for students based on arduino such as Obstacle Sensing Bot, Maze Bot, Smart Power with Bluetooth, GSM based Motor Controller, Water level Indicator, Heart rate Monitor.

Technical Skills

* PCB designing ( Software - Cadence, Eagle, Mentor Graphics)
* Learning Embedded system & Arduino board
* Arduino, basic of C-Programming
* Soldering & Desoldering of SMD components
* COREL DRAW, AUTOCAD, CAM 350

Add-On Courses

* Converged Communication- Center of Excellence in Telecom Tech. & Mgt.(MTNL mumbai)
* CCNA - IP Solutions. (Dadar)
* Learning Embedded system
* PCB designing( Cadence )  from CADD centre.
* Solar Photovoltaic - Embedded System Applications from kWatt Solution (IIT-B).

Interest

* Reading, Music, Photography, Travelling.