Kothari Jay Mahendrabhai

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OBJECTIVE

- **To stand successful in the competitive world.**
- **Work hard for the betterment of the self of the company and its premises.**
- **To be honest with the work and the authorities.**
- **To learn new skills and execute from the seniors and the other skilled authorities.**

EDUCATION

SSC(10th) – Shree Sahajanand Higher secondary School.
 Passed my SSC with the grade of 66 %
.May-*2011*

NIRMA University, AHMEDABAD.
 Completed DIPLOMA in ELECTRONICS & COMMUNICATION ENGINEERIG
 With 6.5 CPI
 June 2014

The GANDHINAGAR INSTITUTE OF TECHNOLOGY,KALOL road, GANDHINAGAR.
 Still pursuing bachelor degree in ELECTRONICS & COMMUNICATION ENGINEERIG
 Started in august 2014

EXPERIENTIAL LEARNING (SUMMER INTERNSHIP PROGRAM)

- **Company Name**   **:-** Nine Star Solar Systems Gandhinagar.
- **Project Title**   **:- Solar Based Invertor**

PROJECT DETAIL

DIPLOMA – Solar Based Invertor

- DESCRIPTION - A power inverter or invert is a device that converts Direct Current (or DC) to Alternating Current (or AC) using transformers, switching and control circuits. And this is the basic function of any inverter: be it solar or regular inverter. A home UPS or home inverter take the DC power from the batteries and convert it to AC power used by appliances. A solar inverter also does the same if it is an "Off Grid" solar power system. In case of "Grid Connected" the DC power is from the solar panels and AC power is given to the grid.

<u>BACHELOR OF ENGINEERING</u> – Traffic Management With Real Time Data Analysis(Half designed)

- <u>DESCRIPTION</u> –

    1. Sensors connected to traffic signal keep sending information to a central server on number of vehicles piling.

    2. When a threshold is reached, analytics software send a message to traffic display 1km before the signal.

    3. Motorists driving towards signal are asked to divert to another road

    4. When number of vehicles at signal decrease below threshold, message flashed on display stops urging drivers to drive towards signal

- <u>FUTURE EXPANSION</u> –

    Analytics platform gets real-time data from sensors, traffic signals within 2km of intended junction.

SKILLS

Language - English, Gujarati, Hindi

Computer Skills - Microsoft Office Word, Microsoft Office Excel, Microsoft Office Power Point, Networking skills.

Programming Language - C

Personal Interests - Loves to read several critical blogs over technology, education, economy, Listing Songs

Worked on – Matlab, Embedded, Xilinx, ARDINO Compiler, Kail Compiler

Basic Knowledge of – Telecommunication, VLSI, Microprocessor 8085, Microcontroller 8051, Embedded System

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Hence, hereby every detailed given above are true and relevant given by me,

<u>THANKYOU</u>

KOTHARI JAY M   **DATE**

Kothari Jay M,
9429355169