**SAI SRINIVAS KALIGATLA**

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**Career objective**:

To be a part of a progressive organization that is to update my knowledge, skills in accordance with the trend and part of a good team dynamically work towards growth of organization and gain satisfaction thereof.

**Profile Summary:**

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**Education**:

* I did Bachelor of Technology in the stream EEE with an aggregate of 65.81% from Ramachandra college of Engineering in the year 2018.
* I did Diploma in the stream of EEE with an aggregate of 83.91% from Sir c r reddy polytechnic in the year 2015.
* I did SSC with CGPA of 8.3 from Ravindra Bharathi em high school in the year 2012.

**My Experiences:**

I designed a portfolio site using HTML, CSS, BOOTSTRAP and JAVASCRIPT.

**---------------------Academic Projects------------------**

**Project in B.tech**:

* **A single phase multilevel inverter with battery balancing**.

There are renewable energy resources which are intermittent in nature lead to produce fluctuating active power. Interconnecting of these intermittent sources to the utility grid on a large scale could affect the voltage/frequency control of the grid and lead to severe power quality issues. In order to overcome this large capacity battery bank is necessary for countering uneven compensation. In order to reduce the energy loss in transmission lines and increase the overall battery capacity, the battery bank is series connected for a high voltage dc supply. The dissipative circuit is not good for energy preservation. In order to solve this problem, a single phase multilevel inverter with battery balancing is proposed.

**Project in diploma**:

* **P L C in textile industry**.

A 230v, 50HZ A.C supply is given to the SMPS. SMPS consists of step down transformer and rectifier. The step down transformer step downs the 230v to 12v and rectifier rectifies the A.C to D.C. I.R sensors sense the size of the packages and send the signal to the PIC16F877A. When the relay circuit is enabled, it supplies 24v to the motor. Crystal oscillator gives the continuous clock pulses. So the motor rotates and makes the conveyor belt to move. By this way, the packages get separated.

**Technical skills**:

* I have knowledge on HTML, CSS ,Bootstrap,javascript
* Packages like: MS word, MS power point, MS excel

**Interpersonal skills:**

* Willingness to learn.
* Commitment and dedication towards work.
* Team work.
* Self-reliance.

**Extra- curricular activities:**

* One of the member of national service scheme (NSS) in our college.
* Worked as an orphan co-ordinator in our college for 2years.
* Participated inter college cricket tournament in our engineering college.

**Personal profile:**

* Date of birth: 31/10/1996
* Marital status: single
* Nationality: India
* Languages known: English, Telugu

**Declaration:**

I solemnly promise that the information furnished above is true to the best of my knowledge and belief.

Saisrinivas Kaligatla