**Srivathsa Beldona**

House No 64, 15th Main, Nanjundeshwara Layout, J.P Nagar 5th Phase, Bangalore, Karnataka 560078

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**Summary**

Electrical Engineer with superior design, project management skills and a diverse technical background in manufacturing of LV panels.

**Highlights**

* Quick learner
* Team player
* Complex problem solver

**Accomplishments**

Presented a technical seminar on “The disruptive effects of EMP” at the ***Department of Electrical & Electronics Engineering Technical Symposium*** held on 10th May 2012 at Dayananda Sagar College of Engineering, Bangalore, India.

UNDERGRADUATE PROJECT: **Dayananda Sagar College of Engineering, Bangalore, India**

**Application of brushless DC motor to hybrid vehicles**

Developed the idea and retrofitted a two wheeler with a brushless DC motor to help control the dependence on fossil fuels. The basic purpose of this idea is to bring down the pollution and dependency on fossil fuels for daily transportation. This system has two driving mechanism to run the vehicle i.e.the internal combustion engine and electric motor. With a PLC module we can program the vehicle to switch between electric drive and petrol drive and vice versa. When in electric mode after a certain seed, the internal combustion engine takes over, during this the battery of the electric drive is charged. Once the speed of the vehicle reduces, the internal combustion engine switches off and the electric motor takes over. The main idea behind the project was to limit the dependency on fossil fuels and increase the efficiency of the vehicle.

**Experience**

Founder and CEO, Design and control panel assembly engineer

November 2014 to present

Procontrol Automation Pvt Ltd – Bangalore, Karnataka.

* Working as a consulting, design and assembly engineer of electrical control and distribution panels.
* My role includes understanding the requirements of the clients, preparing the BOM, overseeing the assembly and commissioning of the panel.
* It is my responsibility to get the layout SLD and specification approved by the client/consultant.
* Up on successful commissioning, it is my responsibility to train the client on how to operate the system.

High Voltage Engineer

December 2012 to October 2014

Brightspark Electricals – Bangalore, Karnataka

* Understanding requirements / specifications of the clients, responding to client’s tender for onward submission.
* Drawing-up specifications for transformer yard for each client and ensure through inspections that it meets safety and regulatory requirements..
* Calculating the electrical load required by the client based on their stipulated requirement.
* Determining the capacity / specification of HT equipments like transformers, breakers, HT cable, etc.
* Evaluating vendors for procurement of HT equipments and LT Panels.
* Creating the necessary BOQ for each project, raising purchase orders and follow through for deliveries.
* Supervising the creation and completion of transformer yard by respective agencies like civil contractors, landscaping agencies.
* Testing the completed transformer yard for faults and preparing for final commissioning of the transformer.
* Reporting to regulatory authorities on the progress and from a compliance perspective.
* Attend to any faults or breakdowns of any commissioned transformers.
* Solicit customer feedback on periodic basis and leverage any improvement opportunities

**Education**

B.E Electrical and Electronics Engineering – Sept 2012

Dayayananda Sagar College of Engineering – Bangalore.

Coursework in switchgears, power generation and distribution units.

**Interests**

1. Bike rides with friends.
2. Networking.
3. Modeling aircrafts.
4. Active Member of Royal Enfield Bullet club J.P Nagar.

**Skills**

CAD designing and drawing, Basic Automation