



## Praful P. Sapkale

Current profile: (Solar System Engineer)

### Summary

"Seeking a challenging position that allows me to hone my skills. I want to work with a progressive organization where I can utilize my knowledge and skills for the mutual benefit of the company and myself."

### Certifications and Education:

CERTIFICATIONS	
Completed BE in ELECTRICAL	60.33%
Completed HSC (Sci.)	68.83%
Completed SSC	70.13%

### Project:

SSBT'S COET, BAMBHORI, JALGAON.	DURATION
<p><b><u>Title:-</u></b> Speed control of universal motor with starter using RF.</p> <ul style="list-style-type: none"><li>➤ The project is wireless speed control of universal motor with the help of PWM technique.</li><li>➤ Circuit connects to the motor through the contactor with RF receiver circuit.</li><li>➤ With the hand held remote control one can perform on-off and speed increase and decrease operation at ease.</li></ul>	1 YEAR

## Experience:-

HI-TECH CONTROLS	INDIA JALGAON	WORKING SINCE 01/11/2015
<b>Role.</b>	<b>SOLAR SYSTEM ENGINEER</b>	
	<p>Perform site-specific engineering analysis or evaluation of energy efficiency and solar projects involving residential, commercial or industrial customers. Design solar domestic hot water and space heating systems for new and existing structures, applying knowledge of structural energy requirements, local climates, solar technology, and thermodynamics.</p> <ul style="list-style-type: none"> <li>➤ Develop design specifications and functional requirements for residential, commercial, or industrial solar energy systems or components.</li> <li>➤ Performing Load Analysis and studying load consumption trends and load patterns.</li> <li>➤ Test or evaluate photovoltaic (PV) cells or modules.</li> <li>➤ Standard operation procedures and quality or safety standards for solar installation work.</li> <li>➤ Provide technical direction or support to installation teams during installation, start-up, testing, system commissioning, or performance monitoring.</li> <li>➤ Perform computer simulation of solar photovoltaic (PV) generation system performance or energy production to optimize efficiency.</li> <li>➤ Managing Meetings with clients.</li> <li>➤ Co-ordinate with team on daily call and issues.</li> </ul>	
EXCELLENT SERVICES FOR ELECTRICITY	INDIA AURANGABAD	01/08/2014 TO 31/10/2015
<b>Client location</b>	<b>Lupin Ltd. Tarapur, Boisar.</b>	
<b>Role.</b>	<b>Open Access Engineer</b>	
	<p>Support the client in all respect.</p> <ul style="list-style-type: none"> <li>• Optimization of Load Consumption</li> <li>➤ Educating the client about Power trading and power flow under Open access power.</li> <li>➤ Performing Load Analysis and studying load consumption trends and load patterns.</li> </ul>	

	<ul style="list-style-type: none"> <li>➤ According to CD and MD offering them PPA at cheaper price.</li> <li>➤ Evaluating what quantum to flow as per the need.</li> <li>➤ Scheduling power and monitoring energy levels and reporting need or excess.</li> </ul>
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EXCELLENT SERVICES FOR ELECTRICITY	INDIA AURANGABAD	01/08/2014 TO 15/01/2015
<b>Training location</b>	<b>R L Steels and Energy Pvt. Ltd.</b>	
<b>Role.</b>	<b>Trainee Engineer.</b>	
<u>Substation</u> 132/33 KV	<ul style="list-style-type: none"> <li>➤ Training at 132/33 KV Electrical substation in the integrated steel plant.</li> <li>➤ Planned, executed, maintained and improved electrical instruments, equipment, facilities, components and system.</li> <li>➤ Examined installations and observed operations to ensure conformance to design and equipment specifications, and provided technical assistance to field.</li> <li>➤ Supervised a team of two electrician responsible for cable pulling, wiring of lights, small power and lighting, responded and provided technical assistance to electrical equipment problem within the company owned facilities.</li> <li>➤ Learned about operation of various industrial furnaces. And how to enhance their productivity. And also the manufacturing process.</li> </ul>	

### **PERSONAL DOSSIER**

Name : Praful P Sapkale.

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Email ID : [prafulsapkale@gmail.com](mailto:prafulsapkale@gmail.com)

Permanent Address : 4B, Shraddha Colony, Near Datta Temple, Jalgaon 425001

Date of Birth : 23<sup>rd</sup> Mar 1989

Gender : Male

Nationality : Indian

Languages Known : Hindi, English and Marathi

Hobbies : Tabla, Meditation, Reading

### **DECLARATION**

I hereby declare that the statements made in this form are true to the best of my knowledge and belief.

Place: Jalgaon

Date:

(Praful Sapkale)