

## SHUBHAM RAJESH SHAH

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ADDRESS: Gokul Nivas, 59, Sambhappa colony, Opp vasant photo studio, Chitod road, Dhule

### CAREER OBJECTIVES

To develop my career to achieve the highest recognition of my skills, knowledge as an Electrical Engineer where I will be a value-adding member of the organization, contributing innovative ideas and working for the excellence of the organization.

### EDUCATIONAL QUALIFICATIONS

YEAR	DEGREE	INSTITUTION	AGGREGATE PERCENTAGE
2014-2019	BE,Electrical	Marathwada Mitra Mandal's College of Engineering, Pune	54.00 %
2012-2014	12 <sup>th</sup> (HSC)	G.D.Sawant college, Nashik (HSC)	55.08 %
2012	10 <sup>th</sup> (SSC)	Canossa Convent High School, Dhule (SSC)	72.00 %

### TECHNICAL SKILLS

- Intermediate level of proficiency in Microsoft Office.
- Basic knowledge about IOT and implementation of it.
- MATLAB Simulink – Basic.
- Arduino – Intermediate.
- PLC & SCADA.

### SOFTWARES

- Electrical-CAD (certified course <https://www.caddcentre.com/caddVerification.php> Student id: EE180813465).
- E-plan Software- Basic ( learn, implemented and practice during internship)

### INTERNSHIPS

#### Dhruva Automation & Control Pvt.Ltd – 25<sup>th</sup> Dec 2017 to 6<sup>th</sup> Jan 2018

- Has successfully worked on control panel designing using **E-plan** software, panel manufacturing & programming of siemens & plc system.
- Visited various companies for understanding the requirement and designing according to it.
- Learn **E-PLAN** software
- Designing PLC & SCADA panel using E-PLAN and AutoCAD software

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- During internship period I learn to develop dual starter, study about the MCB and MCCB used in the panel while assembling.

### **Variate Consultants Pvt. Ltd – 21<sup>st</sup> May 2018 to 30<sup>th</sup> June 2018**

- Understood and reviewed the technical aspects of designing and solar installations and the roles of company in past projects.
- Understood the functions and working of panel and invert used for conversion of the power.
- Visited various solar sites for Practical and elaborate functioning of each element.
- Able to commute to various job sites.

## **KEY PROJECTS**

### **Final year B.E project**

**Topic: Elimination of the harmonics using Selective Harmonic Elimination PWM technique.**

- Design and execution of a fully functional single-phase bridge inverter circuit.
- Elimination of the odd harmonics (3th, 5th, 7th) using SHE-PWM which are harmful for the inverter function and which may lead to the malfunctioning of the equipments in supply with it.
- It was successfully tested and the results was seen and calculated on the CRO under the observation.
- A facility for the further expansion and implementation for the large scale was made which may help to elaborate the project objectives

## **EXTRA-CURRICULAR ACTIVITIES**

- Vice-President of the Electrical Engineering Student Association (EESA).
- President of the Electrical Engineering Student Association (EESA).
- Active member of the activities held at the school and college level.

## **HOBBIES**

- Reading and Learning concepts of various electrical researches.
- Learning about the projects using various microcontrollers and IOT.
- Problem Solving and research work on it.
- Following Sports: Football, Cricket.
- Travel Enthusiast.
- Food lover, cooking

Date: 19/06/2020

Location: Dhule