# Akshay Depolkar



A self motivated electrical engineer with creativity, good observational, time management skills

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# Computer Proficiency

AutoCAD Electrical

Google Sketch up

Microsoft Visio

Microsoft Office

# Interpersonal skills

A good team player

Problem resolving capacity

Good communication skills

Handled a team of 7-8 people

# Personal details

**Date of birth:** 15th July 1993

**Languages:** English, Hindi, Marathi

**Present address:** 2nd floor, Plot No:16, Velankar Bungalow, Naupada, Thane West, Thane, 400607

# profile summary

* ***Electrical engineer presently working in solar EPC firm with proven experience in solar PV system design, planning of projects, tendering, estimation, procurement, sales meetings***
* ***Thorough knowledge of Electrical machines, power systems and switchgear, power electronics, electrical drives***

# Career objective

Seeking a technical, sales role in reputed organization offering an opportunity to use my knowledge, skills, and experience for the development of organization

# Professional experience

**Startling Solar Pvt. Ltd. (Mumbai)**

Engineer-solar (PV) (January 2018 to present)

**Duties:**

* **Technical study:** Identify project electrical requirements, determine load demands, sizing of solar PV capacity, AC/DC calculations, wiring diagrams
* **Proposal preparation:** Preparing technical and commercial offers, compliance reports and schematic drawings
* **Technical sales and follow-up:** Prospect for potential clients, contact sales leads, present effective solutions, follow-up, closing process through negotiation
* **Tendering:** Study of tender documents for proper estimating works, checking eligibility criteria, attaining pre bid meetings, coordinating with the commercial and legal disciplines in the preparation and completion of tenders
* **Project site supervision:** Supervise the installation team, update progress reports and assure that installation quality as per approved design
* **Procurement:** Sourcing the vendors and ensuring material delivery on site as per project stages, checking and verifying technical specifications of offered BOM
* **Net metering activities:** Liasoning and coordinating with Distribution company for net metering

**Shree Mahalaxmi Food Products (Lanja, Ratnagiri)**

Maintenance Engineer (February 2017 to December 2017)

**Duties:**

* Responsible for all the daily electrical and mechanical maintenance activities of plant, Coordinate with production people for preventive maintenance
* Inspection of all machinery, DG set, Cross verification of electrical breakdown
* Sourcing and negotiating with vendors for maintenance related materials, Arranging outsource services for maintenance
* Arranging and maintaining the material required for daily maintenance activities
* Monitoring the energy usage of plant in order to reduce the electrical bills, Installation of 200 KVA transformer substation

# Academic details

* **BE Electrical** with **CGPI 7.02** from Finolex college, Ratnagiri
* **H.S.C.** with **72.83%** from A.G.High school, Dapoli
* **S.S.C.** with **93.53%** from A.G.High school, Dapoli

# Industrial training

Industrial training at **Maharashtra State Electricity Distribution Co. Ltd**

**Duration:** 10 days

**Details:** Introduction to various components of substation, General layout of high voltage substations, Working and maintenance of typical equipments in substations, Protection of power System

# Academic Projects

* **Implementation of Variable Voltage and Variable frequency drive for Induction Motor:**

In this project Induction Motor is controlled by generating variable frequency supply, which has constant voltage to frequency ratio. Using this approach, considerable amount of energy can be saved while utilizing the capacity of motor.

* (Mini Project): Design and fabrication of RC triggered half wave rectifier:

This project involved construction of an RC triggered half wave rectifier circuit on a simple circuit board for Verification and demonstration of output waveforms with variable firing angle.

# Curricular Activities

* Attended training program on ‘**Industrial Automation**’ covering PLC and SCADA conducted by ProlificSystems and Technologies, Pune.
* Attended workshop on ‘**Basics of PLC**’ covering Allen Bradley Micrologix 1400 PLC arranged by FAMT
* Attended workshop on **‘Energy Audit’** conducted by Mr. Ajitkumar Datar, Energy Auditor INDENSCO
* Attended workshop on **'Introduction to Switchgear and Distribution'** arranged by FAMT
* Participated in Employability Training Program conducted by Global Talent Track (GTT) and NASSCOM Foundation

# Extracurricular activities and achievements

* Stood under top 20 in the curriculum of engineering
* Cleared four exams of harmonium

**Akshay R. Depolkar**