

**ANKIT SHRINGI**

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**JOB OBJECTIVE**

Dedicated **Electrical Engineer** with a strong **Solar Energy** background seeking for challenging assignments with an organization of repute to perform solar projects in all verticals such as residential, commercial, or industrial customers.

**PROFILE SUMMARY**

- Extensive breadth of experience in Electrical Engineering and **Solar Power**, Strong ability to draft and interpret solar power design plans, **excellent in DOL, Star Delta, and Auto-Transformer Starter**.
- Well versed with the concepts of **Solar Radiation and Energy Conversion**, Heat Transfer, Control and Drives, **Solar Collectors, Thermal Systems, Photovoltaic Systems**, Materials Science, Design, Modelling, and Analysis of Solar Systems Cogeneration and Waste Heat Recovery.
- Flair knowledge in Energy Audit instruments likes Pyranometer, Pyrhelimeter, Sun Shine Recorder, Solar Parabolic Cooker, Hybrid Solar Dryer, and Solar Hot Box Cooker.
- Possesses strong interpersonal, coordination & analytical skills.

**CORE COMPETENCIES**

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|-------------------------|------------------|-----------------------------|
| • Active Listener       | • Meteorism      | • Pvsyst Meteorism          |
| • Basic AutoCAD and SAP | • Astute learner | • Leadership and Innovation |

**WORK EXPERIENCE**

**1.** Worked as the Junior Engineer in Electrical Operations and Maintenance Department at Sun Source Energy Pvt Ltd. from November 2017 to Present.

**Responsibilities:**

- Worked as a Junior Engineer for 3.3MW Solar Rooftop Power Plant Bhilwara.
- Preparation of Daily Generation Report, Major Breakdown Report, Module Cleaning Report etc.
- JMR at plant and report submission to HOD on monthly basis.
- Remotely monitoring of all plant by using SCADA.
- Preparation of spare parts and maintaining of inventory.
- Studying control drawings and fault analysis of the HT, LT switchgears.

**2.** Worked as the Graduate Engineer Apprentice in Electrical Operations and Maintenance Department at DCM Shriram Rayons, Kota, Rajasthan from December 2015 to November 2016.

**Responsibilities:**

- Assisted seniors in monitoring installation, **system commissioning**, monitoring the **maintenance** works and several projects in the plant.
- Adroitly handled Manpower, workload distribution, developed standard operating procedures and quality or safety standards for solar installation work.
- Oversaw the project flow and gained knowledge on commissioning of **10Kw Solar Rooftop Power Plant**.
- Demonstrated exemplary work on DOL, Star Delta, and Auto Transformer areas.

**3.** Worked as the Graduate Engineer Trainee in Rays Power Pvt. Ltd, Jaipur from January 2015 to July 2015

**Responsibilities:**

- Oversaw Installation and commissioning of rooftop solar plants
- Assisted in Solar Rooftop Project at **Jaipur International Airport, DGP House, Chief Secretary House, Chief Minister House and Radha Krishna mission**, Energy Minister of Jaipur, NDMC School, New Delhi.
- Spearhead the installation process of various generation capacity such as 5.4KW, 8.1KW, 15KW and 15KW, 42KW, 102KW.

## TRAININGS ATTENDED

- **Summer internship** on the study of **1Mw Solar Power Plant** at **DCM Shriram Rayons**, Kota from 1<sup>st</sup> June to 31<sup>st</sup> July 2017.
- Enrolled in onsite training with Sagar Electricals to learn the scope of Designing Roof top solar plants for new and existing structures during July 2015 to November 2016.
- Successfully attended training with Nuclear Power Corporation India Limited, Rawatbhata for 30 Days (16 June 2014 to 15 July 2014)
- Actively associated in Electrical Gadget Repairing Course, MSME, Jaipur for 45 Days (17 Oct 2014 to 03 Dec 2014)
- Gained practical knowledge by participating in an internship with **Kota Super Thermal Power Plant**, Kota for 45 Days (June 13 to Aug 13)
- Learnt basics by attending an internship with DCM Shriram Con. LTD. Kota for 15 Days (Dec 2012 to Jan 2013)

## ACADEMIC PROJECT

Title: Tunnel Lighting System using Solar Cell and its applications.  
Scope: The project involved Energy Saving with different fields  
Description: Report on Tunnel Lighting System using Solar Cell and its working principle.

## WORKSHOPS

- Attend a Workshop on Fundamentals of **Solar Photovoltaic** mentored by Dr. Douglas Halliday, Associate Professor **Durham University, UK**
- Engaged in International Workshop on Fundamentals of Solar Thermal Technologies -Energy meet 2016
- Attended an Expert Lecture On **Solar Thermal** Delivered By Dr. Chris Samson, Associate Professor, **Cranfield University, UK**

## ACCOLADES

- Received several appreciations from Senior Engineers for my outstanding work in **managing the workforce**.
- Recognized as the **Elite Trainee** during an Internal Meeting for successfully completing all scheduled inspections.

## EXTRAMURAL ENGAGEMENTS

- Active member of Solar Club presented Power point Presentations in intra-club level competition.
- Proactively participated in various Intra-University and inter-college activities held by Jagannath University, Jaipur.
- Participated in Quiz competition National Safety Week activities held by Shriram Rayons Kota.
- Participated in National level Paper Presentation "Xpression-2012"
- Dynamic member of **National Cadet Corps (NCC)** at school level with "A" certificate.
- High-spirited member of National social service at the school level.

## EDUCATION

- M.Tech in Solar Energy, Department of Pure & Applied Physics Govt., University Of Kota, Rajasthan.
- Completed B.Tech in Electrical Engineering with first class (64%) from Jagan Nath University, Jaipur in 2015.
- Intermediate, 2011 - Govt. Sr. Sec. School, Kota
- Matriculation, 2009 - V.D Sr. Sec. School, Kota

## PERSONAL DETAILS

Date of Birth: 15<sup>th</sup> September 1993.  
Present Address: 37/353 shri shani prasanna dai mai ka chowk main road Chhawani, kota-324007.  
Languages Known: English and Hindi.