

ANKIT SHRINGI

Mobile: +91-7976010368/8875802037

E-Mail: ankit.shringi786@gmail.com

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

- | | | |
|-------------------------|------------------|-----------------------------|
| • 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 1st June to 31st 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: 15th September 1993.
Present Address: 37/353 shri shani prasanna dai mai ka chowk main road Chhawani, kota-324007.
Languages Known: English and Hindi.