

# SUCHIT SHAILESH CHAVARKAR

- BE ELECTRICAL

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## CAREER OBJECTIVES

Intend to build a career with an organization that will help me to explore myself fully and utilize my knowledge and skills in the best possible way for achieving the company's goals.

## SUMMARY

- 6+ years of Job experience, including 5+ years' experience in Solar Project Site Management, Executions and Commissioning, HSE Management as a Senior Site Engineer.
- Experience in Electrical Facility maintenance, Industrial Shutdown maintenance, Management of Sites.
- Experience in Installation and Commissioning of the CAPEX, OPEX, PPA based Solar Plants of capacity 50MW+ especially in Roof Top Systems, Ground Mount Systems, Single Axis Tracking Systems, Dual Axis Tracking Systems, Solar Water Pumps in multiple industries in India.

## CARRER HISTORY

Sr No	Company's Name	Job Description	Post	Job Experience
1.	<b>Cleantech Solar Energy Development (India) Pvt Ltd.</b>	Site In-charge, Project Execution-Commissioning, Quality Inspections	Sr Site Engineer	3 Year and 3 Months (Currently Working)
2.	<b>Ravin Infra Project Pvt Ltd. (Mumbai)</b>	Solar Project Management, Execution, Operation and Maintenance	Site Engineer	2 Year and 2 Months
3.	<b>Arlin Electricals- Reliance Industries Ltd. (Nagothane)</b>	Electrical Installation and Maintenance	Electrical Supervisor	1 Year and 2 Months

## WORK EXPERIENCE

### **CLEANTECH SOLAR ENERGY DEVELOPMENT (INDIA) PVT LTD., MUMBAI**

**Designation: Sr Site Engineer**

**(Duration- November 2017 to Present )**

**Work duties:** Meeting with Clients, Project Execution and Commissioning, Quality Checks- (Civil/ Mechanical/ Structural/ Electrical), HSE Trainings and documentation.

- Installation and Commissioning of Roof Top and Ground Mount Solar Projects of PPA based model.
- Project Management as a 'Site IN-Charge' and Interaction with Clients, EPCs, I&C teams to meet the Targets
- Preparation of HIRA, JSA, Safe Work Method Statement and conducting HSE training to the site team.
- Ensure health and safety practices followed on site as per company's guidelines
- Conducting Pre-Construction Site Survey and Site visits in PAN India
- Conducting Pre-Commissioning System Testing, Reports and Work Quality Inspections
- Preparation of Daily Progress Reports, Weekly Dashboard, Monthly Schedule, Toolbox Reports, Material Inspection Reports, Weather Reports, Manpower Reports, Installation Quality Checklists
- Preparation of CEIG documentation and meetings with consultant for Liaising works
- Pre-Dispatch Inspection of materials, On Site Inspection/Testing of Materials
- Installation and Charging of String and Central Inverters (including SMA, ABB, Delta, Huawei, Sungrow, etc)
- Installation of Module Mounting Structure, PV panels, LT-HT panels, ACDBs, Transformers, SCADA and Fire system, Module Cleaning System, all necessary Retrofitting and fabrication works as per site conditions
- LT-HT cabling, String cabling, Communication cabling works

### **RAVIN INFRAPROJECT PVT LTD., MUMBAI**

**Designation: Electrical Site Engineer**

**(Duration- September 2015 to October 2017)**

**Work duties:** Site Management, Installation/ Commissioning/ Testing of- Solar Plant, Tracking Systems, Weather Monitoring Stations and their Service/ maintenances work, AutoCAD Designs and Drawings.

- Solar Project Designing- Inverters, Battery sizing, Cable schedules, AutoCAD drawings
- Erection of MCR, 33KV Switchyard, HT/LT Panels, ACDBs, KIOSK, Inverter, Transformers
- Installation of Tracker Assembly, Solar Mounting Structures, PV Modules, Cable Trays, Actuator- Motors, Solar Sensors, Lighting Arresters
- Erection of Fire System, SCADA Panel, Weather Monitoring Stations, UPS, SCBs/ AJBs
- Laying of HT/ LT Cables, Communication Cables, Control Cables, PV Solar Cables, Earthing works
- Inspection and Testing of Equipment's:** Transformers, Cables, HT/ LT Panels, Inverter and Pre-Dispatch Inspection of materials

## **ARLIN ELECTRICALS- RELIANCE INDUSTRIES LTD, NAGOTHANE.**

**Designation:** Electrical Supervisor

**(Duration-** June 2014 to July 2015)

**Work duties:** Electrical Facility Maintenance, Management and Scheduling of work events.

- Management of the Electricians and workers for emergency no power, Electrical fault Rectifications
- Maintenance of Roof Top Solar Plants
- Installation of Transformers, KIOSKs, HT/LT panels, Distribution Boards, Motors, Equipment Earthing's
- Electrical maintenances of HT/LT panels, LT DBs, Motors, Pumps, Battery Unit maintenance
- Preventive maintenance and Testing of Transformer, DG, HT/LT panels

### **EDUCATIONAL DETAILS**

Examination	Specialisation	Institute / Year	Board / University	% /Grade
B.E.	Electrical	SSPM COE Kankavli, 2010-14	Mumbai University	63.53
H.S.C.	Science	N.N. Patil High School Poynad, 2010	Mumbai Board	70.33
S.S.C	Semi English	N.N. Patil School Poynad, 2008	Mumbai Board	73.84

### **ACADEMIC PROJECT**

**“Direct control strategy for 3-phase 4-level flying capacitor inverter”.**

**Description:** With the increase of nonlinear loads, power electronic-interface disturbed the generation. Due to this abruptly falls or sudden increase in current or voltages takes place and it produces unnecessary voltage stress on the power semiconductor switches. Advantages of this multilevel inverter are high power applications by reducing voltage stress on power switches also reduce dv/dt and current distortion while operating at a low switching frequency

### **INDUSTRIAL TRAINING**

**Organization** : JSW ISPAT At- Geetapuram, Dalvi, Tal-Pen, Dist- Raigad

**Training Subject** : “Blast Furnace”- Electrical Equipment Erection, Industrial Operation/ Maintenance

### **TECHNICAL SKILLS**

- Familiarity with AutoCAD, PVSYST
- Proficiency with Microsoft Excel, Power Point, Word and Outlook
- Electrical System Design

### **HOBBIES**

- Drawing, Swimming, Household electrical maintenances, Travelling

### **PERSONAL DETAILS**

**Name** : Suchit Shailesh Chavarkar  
**Address** : H.No.179/2, Chavarkar Ali Poynad, Bhangaradadaji, Village- Poynad, Tal- Alibag, Dist- Raigad, State-Maharashtra, Pin- 402108.  
**Gender** : Male  
**Marital Status** : Single  
**Nationality** : Indian  
**Date of Birth** : 1st December 1992