** CURRICULUM VITAE**

**NAZISH SARWAR HAYAT**

**Objective:**  To become the top-level management member of an organization where I can utilize my management skills, technical skills, logical skills, analyzing skills & my working efficiency for consistent organizational cohesiveness.

EDUCATION

* B.Tech in Electrical & Electronics Engineering from Dr.MGR UNIVERSITY (Chennai) Tamil Nadu, India.

**TECHNICAL SKILLS**

* AUTOCAD (2D)
* Solar System Design
* Well aware of NEC articles related to Solar PV System.

CERTIFICATION

* Attended Ten Days Training programme in Design and Installation of Solar PV Grid Connected Power Plant in NTCST at Bangalore.

RELEVENT EMPLOYEMENT HISTORY

**3.3 years of Experience in the Field of Solar industry**

1. Presently Working in **Suntuity Renewable Energy India LLP**

Duration : 16th Jan 2016 to Till date.

Designation : Solar Design Engineer.

JOB RESPONSIBILITIES in Suntuity Renewable Energy India

* Design PV systems that are code compliant and meet customer expectations
* Extensive breadth of experience in electrical engineering and solar power site evaluation.
* Calculation of wire sizing and breaker size in DC and AC side using NEC 2014 reference.
* Selection of Inverter, conduit size, solar module for maximum power generation.
* Wide knowledge of AHJ and Utility requirements for solar design.
* Provide the Quotation for PV system based on annual Kwh production usage by customer.
* Review the installed system by analyzing the onsite photos and design data & suggesting the possible issues if system is unable to meet quoted production.
* Perform Site assessment and analysis of both from on-site data collection and network tools. Like Google Earth,Google maps, Near maps,Bing Maps and other satellite images
* Use AutoCAD 2D designing to prepare site plans, layouts, mechanical racking and attachment plans, single-line / three line electrical drawings, specification of BOS location and interconnection details, prepare bill of material.
* Use Aurora solar software for performing solar access report.
* Analyze site visit data to determine specification of solar system size and specifications, roof structure, BOS and conduit locations, engineering, and electrical service requirements
* Work cross-functionally with project management and installation teams to ensure client’s needs and internal deadlines are met.
* Maintain an organizational structure that allows for efficiency and transparency.

1. **Veddis Solars Pvt Ltd**

Designation:- **Solar Engineer**

Duration :-10th Jan 2014 to 5th Aug 2016

**Accomplished projects:**

**RAUNAK ( Solar Home Lighting System)**

Execution , Installation , Commissioning of 60 KW System at Damini House , Koperkhaine , Navi Mumbai

Execution , Installation , Commissioning of 50 KW System at Arvind Nursing Home at Patna

Execution, Installation, Commissioning of 30 KW System at Dr.Pushpa Clinic at Hajipur.

Execution, Installation, Commissioning of 10 KW System at GGS College Patna.

**Solar powered Street Lighting Scheme**

Execution, Installation , commissing of 63 LED Street lights in Patna (RajendraNagar).  
 Execution**,** Installation, Commissioning of 24LED lights in Gaya Engg College.

**Mini Piped Water Supply Schemes & Sourya Kranti Sinchai Yojana** Execution, Installation, Commissioning of 2HP Surface Pump solar powered at Hajipur(Rajapakar,arnia, jawaj, Mahnar, Jadua, Bidupur,Ghazipur).  
 Execution, Installation, Commissioning of 2HP Surface Pump solar powered at Darbhanga(patore,ughra, nehra, Hayaghat ), Ara, Bihar sharif.  
 Execution, Installation, Commissioning of 2HP, 10HP Submersible Pump solar powered at Muzafferpur(keotsa, jajwar), Bhagalpur.

JOB RESPONSIBILITIES in Veddis Solars Pvt Ltd

1. Conduct site surveys and recommend optimal solar system designs
2. Responsible for Rooftop solutions and Solar products(Solar water heater, Solar Pumps, Solar street Lights, )
3. Designing of solar photovoltaic based solar system and associated applications.
4. Parallel co-ordination with R&D to provide optimum solutions to the customer.
5. Actively involved in project right from DPR preparation to project implementation .
6. Site inspection and co-ordination with the customers.
7. Work with a team of engineers in designing, developing, testing and homologating solar photovoltaic systems, support structures, solar panels, modules, batteries and pumps for residential, irrigational and light commercial use.
8. Design & Installation of System of 10kw, 30kw, 60kw and above also surface and submersible pump of 2hp to 10hp on the basis of customer need.
9. Anchoring on-site construction activities to ensure completion of project within the time & cost parameters and effective resource utilization to maximize the output.
10. Co-ordination with clients, contractors, & detail engineering office.
11. Involved in daily monitoring of progress as per schedule weekly and monthly targets.
12. Maintain QA/QC records.
13. Implement the quality engineering standard and project specification, by inspection of the workmanship of the installation and notify/inform deficiency to the Project Manager.
14. Review of progress with subcontractors with respect to target given.
15. Maintaining various records such as monthly operating views, daily log sheets, different registers .
16. Good knowledge of all safety procedures implemented at work.
17. **Dudhwa Power Industries** Duration : Jun 2013 to Dec 2013

Designation : Graduate Engineer Trainee*.*

**Extra Curricular Activities**

* Participated in “Ennore Thermal Power Station as trainee”
* Participated in “ National Service Scheme”

PERSONAL PROFILE

* Strength : Dedicated, Management Skills.
* Hobbies : Playing Cricket, Travelling.
* Date of Birth : 20th Jun 1990
* Religion : Islam
* Marital Status : Unmarried
* Language Known : English, Urdu, Hindi
* Permanent Address : Tarni Prasad lane, Patna city, Patna:-800008(Bihar)
* Present Address : H no:- 1227, Flat no:-301, Modern Apartment, sector 12D

Koparkhairne, Navi Mumbai. Pin:- 400709

I hereby declare that the above-mentioned is true to the best of my knowledge, I am aware of the consequence that might arise any of the above-furnished information is found to be false or incorrect.

**Nazish Sarwar Hayat**