

SUNIL KUMAR

Male, India

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COVER LETTER

Dear Madam/Sir,

I am submitting herewith my resume for your kind perusal and consideration in your organization.

Review of my credentials will indicate that I am a hardworking and dedicated individual with around appx. 8 years vast experience in the field of Solar PV Industry.

I have also gained practical exposure in the field while undergoing industrial trainings from TRA International, Delhi, on Solar Power Project as part of the B.Tech curriculum.

Understanding of all aspects governing operational activities & up to date knowledge of latest technological advancements, regulations/ guidelines and statutory compliances in the industry.

I am seeking a challenging job that would synergize my skills and knowledge with the objectives of the organization. Being a dedicated and focused individual, I am determined to add value to the organization I work for, through my exceptional knowledge and learning ability.

To describe myself in a nutshell, I am systematic, organized and hardworking; ready to take up any challenge of life abreast with the latest trends and a team player with excellent communication skills.

My basic objective is to hone in my skills for comprehensive personality development and be an epitome of trust and reliability in the corporate world. My prime goal is to understand professional environment and capitalize on opportunities.

I am confident of making visible contribution for the growth of the organization. I'd appreciate the chance to meet with you in person to discuss as to how I could be a vital part of your organization.

Thanking you,

Yours sincerely,
Sunil Kumar

**PROFESSIONAL EXPERIENCE: APPX. 8 YEAR EXPERIENCE****Experience : October 2015 – till date****Company name : M/S Ganges Internationale Private Limited (GIPL)****Designation : Manager (Solar Division)**

Ganges Internationale Private Limited (GIPL) is a multi-faceted technology corporation offering unmatched engineering and end to end consultancy solutions with a client centric approach.

We present quality, credibility, business vision, ethical standards and leadership in our activities along with sustainable growth and a strong environmental focus. With cutting edge designs, efficient manufacturing processes, continuous innovation, proven technology, holistic collaborations and a versatile client base, delivering customer satisfaction is natural to us.

Responsibilities:

- ❖ Design, Analysis and Review of Documents and Drawings related to the Solar PV projects
- ❖ - Simulation Using **PVsyst, PV Sol, Helioscope , Google Sketch-up, PV-Complete, Meteonorm, Solargis**.
 - Preparation of Specifications of Various Plant Components.
 - Selection of Inverter for Optimum Generation.
 - Design of Strings/ Arrays.
 - Designing SLDs from PV Modules to Combiner Boxes to Inverters till the excavation point.
 - Earthing of PV Module Mounting Structure
 - Lightning protection Calculations of PV area
 - Preparation of PV Array and other Layouts (lightning, earthing, equipment etc.).
 - DC / AC Cable, Combiner Box, fuse and other Sizing Calculations.
 - Review of Contracts, Work orders, Purchase orders
 - Technical Evaluations and Selection of different Plant Components.
 - Technical Evaluations and Selection of Different Solar PV Module Technologies.
 - Preparation of Detailed Project Reports.
- ❖ Preparation of BoQ of Solar PV Plants (MW Scale, Roof-top , Grid Interactive and Off-Grid)
- ❖ Inspection of Routine Tests/ Acceptance Tests of project specific equipment's (combiner Boxes , DC and AC cables , etc) for verification and approval purposes.
- ❖ Witness and Verification of PG testing of Solar PV projects for approval purposes.
- ❖ Constructions Monitoring of various Solar PV Projects in India and generating Assessment Reports for the same.
- ❖ Day to day Communication, meetings with the clients and sub-contractors on different aspects of a project.
- ❖ Interpreting Project requirements into technical implementation specifications to the team.
- ❖ Documentation of the project specifications, involving highest degree of accuracy.

Few of projects done

S No.	Project Name
1	Chhattisgarh -11 MWp
2	Khairakhurd (Punjab)- 15 MWp and Mankhera (Punjab)-15 MWp
3	2 MW ,Punjab and 25 X 2 units of SAT(Single Axis tracking), and 23 MWp X 2 units of SAT
4	Jhunir 15 MWp project
5	Tamilnadu-5.98 MWp
6	Raychotti -20 MWp
7	Tamilnadu- 2 MWp
8	Daulatpura Punjab-25 MW
9	Telangana -12 MWp
10	Daulatpura Punjab-500.65 KWp
11	BAP-600 KW AND Pondicherry 100 KW
12	95 MWp Single unit- Badhla _Rajasthan
13	5.15 MWp X 8 Units and 500KWp _Mumbai.. 1.6 MW Ground mount grid tie
14	2 MW Roof top _Bokaro and more...

Experience : September 2013 – October 2015
Company name : M/S Fairwood Smart Green Pvt. Ltd.)
Designation : Sr. Design Engineer

Fairwood Smart Green Pvt. Ltd. an ISO 9001 certified Company engaged in Manufacturer & Supplier of Hybrid Green Box, String Combiner & Monitoring Boxes and SCADA systems for Solar PV power plants along with design, supply, installation, of off-grid/ grid- connected Solar Power Plants. Fairwood Smart Green, a joint venture of Fairwood (India) and Robotina (Slovenia), combines the best of the Indian building design, project management and EPC services to the infrastructure sector, with some of Europe's finest solar technology and integrated management systems.

Responsibilities:

- ❖ Conduct site surveys and recommend optimal solar system designs.
- ❖ Assist Sales person in preparing system proposals, quotations, and contracts.
- ❖ Project Management experience by providing labor and materials specifications, procurement, and scheduling.
- ❖ Ability to advise during project construction and manage multiple projects with in time.
- ❖ Experience in vendor selection and coordination.
- ❖ Designing on site execution of solar systems that will be Grid-Tied and Off-Grid.
- ❖ Responsible for Feasibility Study of Sites / Ground Mounted and Roof top installations. Site/Land survey for grid connected solar power plant.
- ❖ Load Profile study for the design of an Optimal PV System.
- ❖ DPR & BOM preparation for Grid Tie & Off -Grid Projects.
- ❖ Existing electrical load and energy consumption analysis and utility rate structure analysis.
- ❖ Development of optimized Solar PV design including component selection, module string sizing, over-current protection design, conductor and conduit sizing, etc.
- ❖ Production of solar array layouts which consider loading concerns, drainage, roof construction and obstructions, and shading.
- ❖ Interfacing with external civil, structural, mechanical and roofing consultants.
- ❖ 5 KW X 6 nos and 10 KW X 3 Nos at various schools of Haryana and Faridabad
- ❖ Successfully installed Demo 5 KW Hybrid Green Box – Solar power project at Gurgaon office.
- ❖ Preparing the project reports, technical proposals for solar projects, deals with clients & follows up from the clients, also handling the procurement part.
- ❖ Handling the site surveys, project feasibility, system designing & I&C part of the complete project.

Experience : 23 -June-2012 – September 2013
Company name: TAPAN SOLAR ENERGY PVT. LTD. (ELECSSL)
Designation : Design and installation Engineer

Tapan Solar Energy Pvt. Ltd. is an ISO 9001:2008 certified company engaged in manufacturing of PV Solar Modules, Charge controller, Street lights, Lanterns along with design, supply, installation, of off-grid connected Solar Power Plants. It is this experience and passion that shall help us grow this company exponentially and promulgate the ideas of the team. Our products are being marketed under the brand name ELECSSL

Responsibility:

- ❖ Conduct site surveys and recommend optimal solar system designs.
- ❖ Assist Sales person in preparing system proposals, quotations, and contracts.
- ❖ Project Management experience by providing labor and materials specifications, procurement, and scheduling.
- ❖ Ability to advise during project construction and manage multiple projects with in time.
- ❖ Perform system commissioning and startup tests.
- ❖ Experience in vendor selection and coordination.
- ❖ Designing on site execution of solar systems that will be Grid-Tied and Off-Grid.
- ❖ Responsible for Feasibility Study of Sites / Ground Mounted and Roof top installations. Site/Land survey for grid connected solar power plant.
- ❖ Load Profile study for the design of an Optimal PV System.
- ❖ DPR & BOM preparation for Grid Tie & Off -Grid Projects.
- ❖ Successfully installed completed the 30.6KWp Roof mounted top Solar SPV Project in Curca , Goa.
- ❖ Successfully completed the 10 KWp Roof top Solar SPV Project for Gyan Ganga Institute, Jabalpur, Madhya Pradesh.
- ❖ 2.6 KW Solar Off-Grid Plant in HP Petrol Pump at Hasanpur, U.P.
- ❖ 4.8 KW Solar Off-Grid Plant in Vidya Hospital at Dadri, U.P.
- ❖ Handling the system designing part of Solar PV off grid & grid tied projects.
- ❖ Knowledge of Solar Site Survey and site selection, preparing of Project Reports, technical proposals.

Experience : 01-May-2010 – 23-June-2012

Company name : GREEN ECO PLANET ENERGY PVT. LTD.

Designation : Project Engineer

It's a growing solar energy consulting & EPC firm, significant track record of experience in the solar photovoltaic and solar thermal industry. We offer full project life cycle consulting and engineering services. We offer our services at every phase of a project, from the early stages of site selection, feasibility and design to project management and implementation.

Responsibility:

- ❖ Assist Sales person in preparing system proposals, quotations, and contracts.
- ❖ Project Management experience by providing labor and materials specifications, procurement, and scheduling.
- ❖ Ability to advise during project construction and manage multiple projects with in time.
- ❖ Perform system commissioning and startup tests.
- ❖ Experience in vendor selection and coordination.
- ❖ Designing on site execution of solar systems that will be Grid-Tied and Off-Grid.
- ❖ Responsible for Feasibility Study Recently completed the 140 + 100 KWp Roof top Solar SPV Project for Gurgaon Farm.
- ❖ 145 KWp Roof top Solar SPV Project for Reshilpi (Italian NGO) Based in Bangladesh.
- ❖ 4 KWp x 40 sites Solar-Battery-DG Set Hybrid solution for Base Transceiver stations in Rajshahi Division of Bangladesh for Orascom Telecom (Banglalink) the second largest telecom operator in Bangladesh.
- ❖ 250 KWp Grid Tied power plant under REC scheme for captive consumption by Arian Breweries and Distilleries Ltd based in Chopanki, Rajasthan.
- ❖ Handling the system designing part of Solar PV off grid & grid tied projects.
- ❖ Preparing the project reports, technical proposals for solar projects, deals with clients & follows up from the clients, also handling the procurement part.



EDUCATIONAL QUALIFICATION

Higher Qualification:

MBA in Project Management (Renewable Energy)

Sikkim Manipal University

IACM, South -X, New Delhi

B.Tech. in Electronics & Communication Engineering

From Sachdeva Institute of Technology, Fareh,

Affiliated to Uttar Pradesh Technical University (UPTU)

Intermediate:

From G.B.S.S, NO.-3 Sarojini Nagar

Affiliated to CBSE

High school:

From Navyug School, Sarojini Nagar

Affiliated to CBSE



TECHNICAL SKILLS

- ❖ **Language:** C, C++
- ❖ **Operating System:** Windows2000,VISTA,XP
- ❖ **Animation:** Adobe flash 8, Auto CAD
- ❖ **Solar Software Knowledge:** PVsyst, PV Sol, Google Sketch-up, PV-Complete, Meteonorm,Solargis.
- ❖ **Computer Skill:** MS Office(Word, Excel, Power Point, Paint, Access, Outlook)



ADMIC PROJECT:

Name -Major project on "CONTROL & BRAKING OF DC MOTOR" which basically deals with OPTOCOUPLER.
Role -Technical Engineer

DESCRIPTION -In this project we have created a gadget which can able to control and braking of DC motor which is basically related to optocoupler provided by suitable programming .The gadget is equipped in such a way that through it we can able to rotate the DC motor in both the direction as according to our requirement at the exact value. They have many applications like it is used in Automatic Hydraulic Jack, High performance aircraft, ship, railway and military etc.

INDUSTRIAL TRAINING: 6 weeks summer vocational training at Bharat Sanchar Nigam Limited, Mathura under SDE (Phones) Civil lines.

SEMINAR: Solar Technology.



ACHIEVEMENTS:

1. Participated and won 2nd prize in speech in debate competition in engineering and coordinate the GENERO event.
2. Contributed in school extracurricular activities, won first prize in Inter School Painting Competition.
3. Captain of **School Football team.**
4. Won third prize on "Hindi Divas Speech Competition".
5. Runners up in extempore speech held in school in 2004.
6. Won prize in speech n debate competition in engineering
7. Coordinate the whole event-**6th and 7th Renewable Energy Expo, Noida.**



PERSONAL DETAIL:

Name - Sunil Kumar
Father's Name - Shri M. Prasad
Gender - Male
Nationality - Indian
Hobbies - Painting, listening music, gardening

References: Available on Request

Date : _____

Place : _____

Signature: _____

(SUNIL KUMAR)