# CAREER OBJECTIVE

An energetic, flexible, innovative, self-disciplined individual seeking opportunities to play challenging and creative role in the field of Technical Development, on a long-term perspective which will enable me to bring the best out of me towards the growth of the serving organization.

# WORK EXPERIENCE

WAAREE ENERGIES LIMITED (March 2018-Till date)

Engineer

Roles & Responsibilities:

* Handling O&M of solar rooftop plants installed at various locations in India with Approx. capacity of 25 MWp in total.
* Prepare Daily Generation summery for the rooftop projects.
* Monitoring the plant by RMS system on daily basis.
* Analysis the Generation of plant through SCADA system installed at different location.
* Worked on WebDyn data logger, DelRemo logger and Pine Tech also.
* Worked on PV-200, Thermal imagers like tools for the better analysis of plant performance.
* Also works on costing and other Commercial activities related to O&M of rooftop projects.
* Recently involved in solar floating project for one of valuable client.
* Prepare the O&M Costing for tender projects like IOCL, NTPC.
* Preparing Documents of module efficiency, CUF and plant PR, weather report and irradiation report.
* Mostly handle the tender projects in which we have to match up the plant as we have generation guarantee over there.
* Maintain the plant in terms of CUF, PR.
* Vendor management for the rooftop solar projects.
* Preparing the checklist for preventive, predictive and breakdown maintenance for solar rooftop plants.
* After certain time, coordinating with client for improving the generations with minimum downtime.
* Handle Payments related issues of O&M.
* Also having exposure of following inverters like Huawei, Delta, WAAREE, power-one.
* Preparing deemed generation for plants for the PPA and other RESCO projects.

RAYS POWER EXPERTS PRIVATE LIMITED

Junior Engineer (August 2016-April 2017)

Roles &Responsibilities:

* Monitoring the plant in Delhi location of DMRC and NDMC 14 MW at different sites.
* Preparation and analysis Site execution report on daily basis.
* Prepare monthly summary of total maintenance cost of plant.
* Provide onsite and off-site training to site engineers.
* Conducting monthly JOINT METER REPORT process.
* Coordinating with clients regarding work progress report.
* Also Executed 2.5 MW of single site at DMRC Depot.
* Work On the basis of SLD, GA,AC/DC cabling and other plan drawing.
* Also having the Net-metering Experience with BSES Delhi DISCOM.
* Having the Exposure of Project planning and execution also.
* Having work experience on 11KV and 33 KV.
* Identify unsafe work or operating condition and take proper action to neutralize the hazards.
* Preparing Checklist of Inverters, ACDB and other equipment used in rooftop solar plant.
* Preparing Documents of module efficiency, CUF and plant PR, weather report and irradiation report.
* Having more than 3MW of erection and Commissioning experience on Tin Shed And RCC shed both.
* Coordinating with the purchase team for the material related queries.
* Scheduling of projects from erection till commissioning.
* Preparing detailed project reports.

# ACADEMIC PROFILE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Standard** | **Name of the Institute** | **Name of the**  **Board/University** | **Percentage**  **Marks** | **Year of**  **Passing** |
| PGDC (TPPE) | N.P.T.I Badarpur (NTPC Badarpur) | Ministry of power | **65.6** | 2016 |
| B.TECH | IIMT College of Engineering, Gr. Noida | UPTU | **64.00** | 2014 |
| 12th CLASS | RadhaMadhav Public School, Bareilly | CBSE BOARD | **58.00** | 2010 |
| 10th CLASS | RadhaMadhav Public School, Bareilly | CBSE BOARD | **67.00** | 2008 |

# AREA OF INTEREST

Power Plant Engineering, Solar PV plants, boiler (sub critical and super critical),turbine, Production Engineering, Manufacturing Science, and Automobiles.

# technical skills

Completed course in **AUTO CAD** from N.S.I.C Greater Noida.

Introductory knowledge of C language.

# Training during NPTI

* One year training in NTPC- Badarpur of 210 MW of plant.
* Hot startup and cold startup of system.
* HP-IP-LP turbine operation.
* Flue gas analysis in electrostatic precipitator and stack.
* Drought system of super critical and sub critical boiler.
* On hand experience of gas turbine a steam turbine.
* BFP,TDBFP operations.

# SUMMER TRAINING

|  |  |
| --- | --- |
| **Subject** | Periodic Overhauling of Diesel Engine & Coaches of Indian Railways |
| **Organization** | Indian Railways Workshop - Bareilly , Uttar Pradesh |
| **Description** | Functioning of air brake & roller bearing and got wide exposure to Diesel Engine Shop, WheelShop, Machine& Tool Shop, and Smithy Shop. |

# SEMINAR AND PROJECT

* SEMINAR - Carbon Credits, Pinch Technology, Pressure Vessel Simulation
* PROJECT - Muti-level Car Parking System

# EXTRA CURRICULAR ACTIVITIES

* Performed ‘**LIVE METAL CASTING’** in ‘TECHNICAL FEST ‘of IIMT COLLEGE OF ENGINEERING in 2012.
* Participated in college and school level debate and essay competition and received applauds.
* Participated in singing competitions at many colleges and got applauds.
* Participated in CBSE CLUSTER-III BASKETBALL TOURNAMENT held at John Milton Public School**, AGRA** in 2009

# KEY STRENGTHS

* Constant learning Attitude.
* Ability to grasp quickly any new technology.
* Highly self-motivated & hard working.
* Punctuality.

# PERSONAL PROFILE

|  |  |
| --- | --- |
| * **Date of Birth** | **:** April 10th 1993. |
| * **Father’s Name** | **:** Mr. Raj Kumar Diwaker |
| * **Marital Status** | **:** Unmarried |
| * **Hobbies** | **:** Playing Basketball& watching F-1 races |
| * **Permanent Address** | **:** 280/25,Gandhi Puram, Phase-II near Hartmann College, Bareilly-243122, UP |

# DECLARATiON

I hereby certify that all the information provided here is correct to the best of my knowledge.

Date:

Place:

**MAYANK DIWAKER**