Divyam Gupta

Detail-oriented team player offering strong communication skills and customer service capabilities that contribute to company objectives

~ Production ~Solar Industry ~ Research & Development

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Profile Summary

- A focused and goal-oriented professional with zeal to make a winning career in **Solar industry**
- Comprehensive knowledge of **Non-Conventional Energy Resources, Pv module, Solar plant designing(rooftop, Hybrid systems)**
- Comprehensive knowledge base & soft skills nurtured through internship & academic projects
- Skilled in managing multiple priorities with a genuine interest in personal & professional development
- Successfully completed industrial training in Harduaganj Thermal Power Plant, Kasimpur
- Well versed with the concept of Soldering, Component and Works
- Quick learner & highly energetic with a keen aptitude for learning and applying new knowledge resourcefully
- An ambitious & hardworking individual with excellent relationship management skills and the capability to manage time effectively.

Core Competencies

Renewable & Non-Renewable Energy Sources

Software/Tool: Auto cad(2015), Pvsyst(6.4.3), Google sketch up (2008),Helioscope, Etap (Electrical transient analyser program)

Soldering, Component and Works

Application Tools: MS Office (Word, Excel and PowerPoint)

Personal Details

Date of Birth: 3rd January 1994
Languages Known: English, Hindi
Address: Moh. Chowk, Amroha- 244221
Industry Preference: Solar Industry, Batteries

Key skills

I CAN HANDLE

- **Solar power plant design and installation (off grid ,on grid, hybrid system)**
- **Solar power plant design and installation (Roof top).**
- **Design & Working Knowledge in Battery Based System.**
- **Design & Working Knowledge in Grid Tied System.**
- **Selection of (PV modules ,cables ,cables tray, array junction box, inverter, circuit breaker, battery bank, ACDB)**

- **Designing of Solar Panels in According to the Site.**
- **Calculate the power Production of the Solar Panel,**

WORK HISTORY

How is it work.

- **To make the technical specification of the solar inverter and solar system.**

- **Identify components to meet design criteria, capture the schematic and provide relevant input to other function like component engineering, layout, mechanical.**
- **Preparing the production designs for reducing the cost & improving the quality**
- **Rectifying the cause of malfunction; resolving the issues of the equipment**
- **Updating the designs for improving quality and applying the tolerance analysis to it**
- **Assisting the customers and developing various product specifications according to their need.**
- **Good understanding of solar power system and basic knowledge or solar power system**
- **Good knowledge of AUTOCAD, GOOGLE SKETCHUP, PV Syst. and HELIOSCOPE**

- Worked as Trainee with Advance Institute of solar design at Delhi location. I am working as a Solar Design Engineer. Completed projects:
- Rooftop:
  - 11kwatt, 15kwatt, 60kwatt.

Education

2017 — B.Tech. (Electrical & Electronics) from Moradabad Institute of Technology, Moradabad, U.P.T.U. with 70%

2013 — 12th from R. KP S Sr. Sec. School, Amroha, affiliated to CBSE Board with 62.2%

2010 — 10th from R. KP S Sr. Sec. School, Amroha, affiliated to CBSE Board with 06.60 (CGPA)

Internship

Organization: Harduaganj Thermal Power Plant, Kasimpur
Duration: 1 month
Project Title: Working Of Coal Power Plant

Academic Projects

Research Papers

Extracurricular Activities

- Successfully completed:
  - Mini project on Automatic Street Light Controller
  - Simulation project on Three J-K Flip Flops Up Down Counter
  - Major project in Power System Analysis with PV Integration

- Analysis of distribution system with Photovoltaic

Seminar Presentation

- Analysis of power distribution system with PV integration

Workshops Attended

- Actively participated in:
  - Events organized by various societies
  - All-India Essay Writing Event organized by Shri Ram Chandra Mission

- Gave presentations on ‘Solar E-rickshaw, Electricity Generation by Coal Power Plant’

- Attended workshop on:
  - Role of Electrical Engineers in Present Scenario
  - Latest Trends & Modern Practices in Power Sector (NPTI)

This is to declare that information given above is correct to best of my knowledge.

DIVYAM GUPTA