Midhun A Sathyan

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**CAREER OBJECTIVE**

To enhance my knowledge and capabilities by working in a dynamic organization that prides itself in giving substantial responsibility to new talent.

**ACHIEVEMENTS**

* As a National Games facilitator in the year 2015.
* My final year project is selected as one of the best project in our college and published in news paper.
* As a coordinator of National level tech fest, ZARIUS.

**WORK EXPERIENCE**

Organization : **Alternate Energy Corporation**

Industry : Solar PV Designation : Project Engineer

Tenure : Since Aug / 2015 to present.

**Job Description**

As a Project engineer in Alternate Energy Corporation, I gained considerable experience in,

* Design and Estimation of Solar PV Systems.
* Preparing Engineering Drawings for the PV System.
* Installation and maintenance of Solar PV system in site as per standards.
* Preparing Techno – Commercial offers and DPRs
* Conducting site surveys & Coordination of works at different sites
* Procurement of PV System components.
* Testing and commissioning of PV Systems.
* Attend client meetings for solving technical issues.
* Assist the team on assigned projects and execute installations.

**Project Experience**

* Engineering, Procurement and Construction of 100 KWp Grid –Tie System for Viswajyothi CMI, Angamaly,Kerala, India.
* Engineering, Procurement and Construction of 50 KWp Grid –Tie System for Fedaral institute of Sicence and Technology,Mookannur ,Kerala, India.
* Engineering, Procurement and Construction of 50 KWp Grid –Tie System for Institute of career Development, Kollam, Kerala,India.
* Engineering, Procurement and Construction of 9 KWp Off-Grid System for Govt Law College, Kozhikode, Kerala,India.
* Feasibility Study , Detailed Engineering and Design for 120 KWp Grid –Tie for Gold Hub,gulbarga, Karnataka, India.
* Feasibility Study and Detailed Design for 300 KWp Grid –Tie for St.Johns Hospital, Bangalore, Karnataka, India.

**PROJECTS**

**MAIN PROJECT**

TITLE: SOLAR TRACKING SYSTEM USING ARDUINO

The renewable-energy sector is fast gaining ground as a new growth area for numerous countries with the vast potential it presents environmentally and economically. Solar energy plays an important role as a primary source of energy, especially for rural area. This paper presents the design and development of high-efficiency single-axis solar tracking system using Arduino platform. Furthermore, the ultimate objective of this project is to trace the maximum sunlight source to power the solar panel.

**TRAINING**

|  |  |  |
| --- | --- | --- |
| **Name of industry** | **Duration** | **Area of exposure** |
| INDUSTOWER, North Paravur | 10 days | Electrical Engineering |

**ACADEMIC PROFILE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year | Examination passed | Name of university/Board | Name of school/college | Percentage/ CGPA |
| 2011 - 15 | B Tech (Electrical & Electronics Engg) | Mahatma Gandhi University | Sree Narayana Guru  Institute of Science & Technology, Manjali | 6.52 |
| 2009 - 11 | Technical Higher Secondary | Technical Higher secondary Board | Model Technical  Higher Secondary School, Kaprassery | 76% |
| 2008 - 09 | Senior Secondary | Technical Higher secondary Board | Model Technical Higher Secondary School, Kaprassery | 74% |

**PERSONAL SKILLS**

* Willingness To Learn
* Dedication In My Duties
* Leadership Skill
* Good team player

**TECHNICALL SKILLS**

Languages : C, C++

Softwares : MATLAB, AutoCAD

General : Microsoft Office, Adobe Photoshop Technical : PCB Designing, Soldering

**SOCIAL SERVICE**

* + Part of activities JANSEVA SISUBHAVAN
  + IMA voluntary blood donor
  + NSS volunteer

**PERSONAL PROFILE**

Name of father : A.K.Sathyan Name of mother : Kala Sathyan

Age & Date of Birth : 21, 9th August 1993 Marital Status : Single

Address : Aikkulath House, Vappalassery (p.o), Maikkavu, 683572 Languages known : English, Malayalam

Hobbies : Playing football, Cricket, watching films..

**REFFERANCES**

* + Mr. Maneesh. M S, Assistant Professor, Sree Narayana Guru Institute of Science and Technology. Phone: +91 9495191121

**DECLARATION**

I hereby declare that all the information mentioned above is true, complete and correct to the best of my knowledge and belief.

Nedumbassery

Date: 11-11-2016 Midhun A Sathyan