



Personal Profile

ADITYA. A

+91-9884337770

aadi_athi@yahoo.co.in

Father's Name : Mr. P.Athimoolam

Date of Birth : 04.04.1990

Gender : Male

Nationality : Indian

Marital Status : SINGLE

Ready to Relocate: Yes

Languages Known:

English (R/W/S)

Tamil (R/W/S)

Contact Address:

F-5 RAMAMURTHY APARTMENTS,
6/7 YADAVALL STREET,
VIRUGAMBAKKAM,
CHENNAI - 600092
INDIA.

Passport Details:

Passport No : J9409584

Date of Issue: 16/11/2011

Date of Expiry: 15/11/2021

Personal Traits:

Good Verbal & Written Communication skills, ability to deal with people nicely, willingness to learn, adjustable with varying work schedules.

Objective

- ✍ With an experience in the field of Execution of projects related to Mechanical, Electrical and Solar Power System, I look forward for an opportunity to display my skills in the advanced technologies and be a part of a team that dynamically work towards success and growth of the organization.

Education

- ✍ **Master of Engineering in Solar Energy** from **College of Engineering Guindy, Anna University, Chennai** with an aggregate **Grade of 7.60** in 2012-2014.
- ✍ **Bachelor of Engineering in Mechanical Engineering** from **Veltech Multitech Engineering College, Chennai**, affiliated to Anna University, Chennai with an aggregate of **69%** in 2007-2011.
- ✍ **Higher secondary in computer science group** from **Balalok Matriculation Higher Secondary School, Chennai** with an aggregate of **79%** in 2005-2007.

Training & Certification

- ✍ **MSME (Govt. of India) Certified Solar System Integrator.**
- ✍ **NEBOSH** International General Certificate (IGC) in Occupational Health & Safety.
- ✍ Advanced Diploma in Occupational Safety Health and Environment Management.
- ✍ **IOSH** Managing Safely.
- ✍ ASNT level 2 **SNT-TC-1A** Certification in NDT methods UT, PT, RT, MPT.

Work Experience:

- ✎ Working as **Technical Engineer (Solar)** in **M/S Shimato Enterprises Pvt Ltd (Evolve India Group), Chennai** from **December 2017** to **Present**.

- ✎ Preparing PVSyst reports, project feasibility reports.
- ✎ Preparing Sketchup models for project proposals.
- ✎ Preparing layout, SLD and string design.
- ✎ Preparing BOM for projects.
- ✎ Providing technical support for the project team.
- ✎ Co-ordinating and supervising the project team.
- ✎ Carry-out installation and configuration of DG synchronizing panels.
- ✎ Providing technical support, on-site commissioning support for **SMA, Zever** grid-tie inverters.
- ✎ Monitoring existing power plants through SCADA, remote monitoring system.

- ✎ Worked as **Project Engineer (Solar)** in **M/S Sree Nandhee's Technologies, Chennai** from **July 2016** to **November 2017**.

- ✎ Conduct site survey, energy demand and project feasibility study.
- ✎ Designing various aspects of the power plant such as layout, SLD, string design.
- ✎ Preparing the BOM for the projects.
- ✎ Co-ordinating the sub-contractors and project team at the site.
- ✎ Providing technical support to the project team.
- ✎ Supervise the project site during installation and commissioning.
- ✎ Perform Safety Inspections.
- ✎ Commissioning the power plant and handing over to the customer.
- ✎ Configuring data-loggers, remote monitoring system (RMS).
- ✎ Prepare schedules for Preventive Maintenance.
- ✎ Provide on-site support for **KACO** inverters in Tamil Nadu region.

- ✍ Worked as **Project Engineer (Solar)** in **IRRAD Power Solutions, Chennai** from **June 2014 to June 2016**.
 - ✍ Assisted in preparation of proposals for possible projects.
 - ✍ Managing projects through feasibility, development and execution stages.
 - ✍ Design, development and optimization of Commercial and Industrial rooftop solar projects.
 - ✍ Providing technical support to the project team.
 - ✍ Supervise the project site during installation and commissioning.
 - ✍ Perform Safety Inspections.
 - ✍ Site tool box talk and safety task assignment.
 - ✍ Ensure 100% PPE compliance.
 - ✍ Prepare safety documentation works such as check list, permits, daily, weekly and monthly reports.

Inverters Handled:

- ✍ SMA
- ✍ KACO
- ✍ Zever
- ✍ Emerson (hybrid)
- ✍ Growatt
- ✍ Solar-log (data-logger with export control)

Projects Handled:

- ✍ **500kW** Rooftop Solar Plant @ MAF Clothing, Bangalore.
- ✍ **200kW CarPort** Solar Plant @ Lanson Toyota, Chennai.
- ✍ **200kW** Ground Mounted Solar Plant @ **Johnson Lifts Pvt Ltd, Nagpur**.
- ✍ **200kW** Rooftop Solar Plant @ **CPWD, Income Tax Office**, Chennai, Tamil Nadu.
- ✍ **100kW** Rooftop Solar Plant @ **CPWD, Shashtri Bhavan**, Chennai, Tamil Nadu.
- ✍ **130kW** Industrial Rooftop Solar Plant @ **Hexaware Technologies**, Chennai, Tamil Nadu.
- ✍ **90kW** Rooftop Solar Plant @ **GRD Institutions**, Coimbatore, Tamil Nadu.
- ✍ **44kW** Rooftop Solar Plant @ **CPWD, National Ayurveda Institute for Panchakarma** Shoranur, Kerala.
- ✍ **40kW** Rooftop Solar Plant @ **Indian Oil Corporation Limited**, Chennai, Tamil Nadu.
- ✍ **40kW** Rooftop Solar Plant @ **Indian Bank**, Chennai, Tamil Nadu.
- ✍ **30kW** Rooftop Solar Plant @ **Shantiniketan Apartments**, Chennai, Tamil Nadu.
- ✍ **7kW** Rooftop Solar Plant @ **Anco-India Chemicals Pvt Ltd**, Chennai, Tamil Nadu.

Academic Projects:

- ✎ **PG Project:** Design and Development of **Low Cost Solar Still**.
- ✎ **UG Project:** Optimization of **solar flat plate collector** by changing absorber geometry.

Seminars / Conferences Attended:

- ✎ **Indo – US Workshop on Advances in Solar Energy and utilization – Fast Forward with Solar Mission (7th & 8th April 2014)** – Campus Solarisation, PV System Installation, Monitoring and Innovation, Solar Thermal Systems for Industrial Applications, Solar Systems in Buildings of the future.
- ✎ Presented a Paper titled “**Design and Development of a Low Cost Solar Still**” in a national conference on Renewable Energy Innovations for Rural Developments (19th March 2014) at The Gandhigram Rural Institute, Gandhigram.

Software Skills:

- ✎ Software Skills : **PV Syst, PVSol, Sketchup, Auto-CAD, SOLIDWORKS.**
- ✎ Modbus TCP/IP, RTU Protocols
- ✎ Operating system : Windows XP, Vista, 7, 8
- ✎ Good knowledge in MS Office (MS Word, MS Excel, Power point)