

MUFADAL MUFADAL

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Solar Energy Engineer

In-depth experience and knowledge in Solar Engineering coupled with solid project management and customer relations background. Skilled in the management of design phases, implementation, monitoring and evaluation of photovoltaic solar energy systems. Articulate communication skills in planning, teamwork, and delivering customer specifications. A genuine passion for renewable energy methods and sources with an astute, problem solving ability and results driven style.

AREAS OF EXPERTISE

Strategic & Tactical Planning • New Business Development • Negotiations • Solar Energy
Project Management • Customer Relations • Team Leadership • Problem Solving
Critical Thinking • Communications • Organization • Prioritization • Presentations
Renewable Energy • Photovoltaic • Sales

PROFESSIONAL EXPERIENCE

Coupling Engineering Company, Khartoum, Sudan

Solar Energy Specialist, 2010 to 2014

- Generate new revenue and produced break out opportunities in new markets through driving solar energy service projects to successful outcomes.
- Initiate and drive design and concepts in the execution of effective solar energy, efficient lighting, water pumps, and solar street lighting projects.
- Increased productivity and efficiency through effective training of associates in solar energy products and market emphasis.
- Ensure customer needs are met through the conducting of energy audits and development of suitable solutions.

Elrumalya Trading & Services Company, Khartoum, Sudan

Project Manager, 2008 to 2009

- Conducted planning, management, financial coordination in controlling all phases of project implementation.
- Assessed client requirements and ensured all needs are met with final products.
- Developed, assess, and leverage strategies in project management to account for performance, cost, time, and scope constraints.
- Conducted and report on feasibility studies.

Pulse Engineering Company, Khartoum, Sudan

2001 to 2008

Sales Engineer, 2004 to 2008

- Developed and deliver solid product demonstrations.
- Delivered customer presentation on customer projects at field events throughout the sales territory.
- Provided responses to functional and technical elements of RFIs/RFPs.
- Relayed customer requirements to product management teams.

Assistant Project Engineer, 2001 to 2004

- Delivered highest quality in project completions through experienced, driven management of consultants and contractors.
- Drove project planning and execution through the development of effective project control systems and follow through.
- Maintained client updates and communication through reporting methods, monitoring budgets and expenditure management.

Ministry of Science and Technology, South Darfur, Sudan

2000 to 2001

Solar Engineer & Data Collector

- Actively designed and installed solar energy systems for homes, street lighting, and water pump systems.
- Performed installation of wind towers to include the collecting and collating generated energy data collection to provide detailed analysis.
- Conducted site visits and surveys for information and reporting purposes.

Elrumalya Trading and Services, Khartoum, Sudan

1999 to 2000

Solar Energy Engineer

- Actively produced design and implementation for solar energy systems, stand alone systems, solar powered street lighting, and small home integration systems.
- Conducted detailed site inspections, evaluations and energy surveys.

EDUCATION AND TRAINING

Energy Technology MSc, University Kebagsaan Malaysia

2003

Applied Physics BSc, Omdurman Ahlia University, Khartoum, Sudan 2000

Training

- Intensive Short Course in Project Management (30 Credit Hours) – Leeds Metropolitan University, UK 2010
- Stabilizers Training @ ORTEA – Italy.
- Solar Water Pump Sizing using LORENTZ Software program @Elrumalya for Trading & services Co. - Sudan.
- Manual Sizing Calculation for Solar Energy Systems. Pulse Engineering Co- Sudan.
- Wind & Solar Energy Training – Ministry of Science & Technology Institute- Sudan.
- Solar Systems Sizing using NSOL Software program @ Elrumalya for Trading & Services Co. –Sudan.