

Malindu Dulnuwan

Electrical & Electronics Engineer

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ABOUT ME

I am a qualified and professional Electrical and Electronics Engineer with over five years of experience in the renewable energy sector. My expertise spans solar system design, project management, and troubleshooting complex electrical systems. Equipped with strong analytical, problem-solving, and communication skills, I excel in delivering efficient, sustainable energy solutions. As a team player, I consistently collaborate with cross-functional teams to ensure project success and client satisfaction.

SKILLS

- Solar System Design and Implementation
- AutoCAD Electrical Drafting
- Renewable Energy Solutions
- Project Management and Coordination
- Troubleshooting Electrical Systems
- Energy Efficiency Optimization
- Electrical System Maintenance
- Electrical Engineering Standards Compliance
- Client Relationship Management
- Analytical and Technical Problem-Solving
- Team Collaboration and Leadership
- Circuit Design and Testing
- System Upgrades and Modifications
- Risk Assessment in Electrical Projects
- Technical Documentation

WORK EXPERIENCE

Electrical & Electronics Engineer — **Dec 2023 – Present**

REM Lanka (Pvt) Ltd

- Designing and implementing solar energy systems to meet client-specific requirements and ensure compliance with industry standards.
- Conducting site assessments to determine system feasibility and optimize energy efficiency.
- Overseeing the installation and maintenance of photovoltaic systems to guarantee operational excellence.
- Coordinating with cross-functional teams and stakeholders for seamless project execution.
- Preparing detailed project reports and technical documentation for review and approval.

Assistant Electrical & Electronics Engineer — **Jan 2023 – Dec 2023**

REM Lanka (Pvt) Ltd

- Assisted in the design and implementation of electrical systems for commercial and residential projects.
- Conducted system inspections to diagnose and resolve electrical issues effectively.
- Supported project managers in planning, scheduling, and executing renewable energy projects.
- Managed technical documentation and maintained compliance with regulatory standards.
- Collaborated with clients to address concerns and provide tailored energy solutions.

Senior Technical Officer — **Apr 2022 – Jan 2023**

REM Lanka (Pvt) Ltd

- Supervised technical teams in the execution of electrical installations and maintenance tasks.
- Developed technical documentation to streamline workflows and improve project delivery timelines.
- Ensured adherence to safety and quality standards in all technical operations.

LANGUAGES

- English: Intermediate

QUALITIES

- Analytical Thinker
- Effective Team Player
- Strong Problem-Solving Skills
- Results-Oriented
- Detail-Oriented

REFERENCES

Mr. W.P. Mahendra
Electrical Engineer,
Sun Beam Solar (Pvt) Ltd
Phone: +94 713432653

Mr. P.M.G.L. Piyadigamage
Lieutenant,
Sri Lanka Navy
Phone: +94 714059327

Technical Officer — Aug 2021 – Apr 2022

REM Lanka (Pvt) Ltd

- Designed, installed, and maintained electrical systems, focusing on energy efficiency and safety.
- Supervised on-site installations, ensuring adherence to timelines and budgets.
- Researched and recommended advanced electrical technologies to improve system performance.
- Trained junior engineers and technicians on operational protocols and safety standards.
- Conducted risk assessments to mitigate potential hazards during project execution.

Trainee Technical Officer — Feb 2021 – Aug 2021

REM Lanka (Pvt) Ltd

- Gained hands-on experience in electrical systems under the supervision of senior engineers.
- Conducted routine inspections and maintenance to enhance equipment reliability.
- Supported the preparation of reports and technical assessments for project reviews.

Product Associate — Sep 2017 – Sep 2018

CCS Lanka (Pvt) Ltd

- Provided technical support for the development and enhancement of electrical products.
- Assisted in testing and quality assurance processes to ensure product reliability.
- Documented product specifications and communicated technical details to clients and stakeholders.
- Supported the sales team with technical expertise during client presentations.

EDUCATION

BEng (Hons) Electrical & Electronic Engineering

University of Sunderland, UK

Higher National Diploma in Electrical & Electronic Engineering

Cardiff Metropolitan University