



NIPUNA UDAYANGA

CONTACT

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No.09,Mahawawe,Angunukolapalasse

PROFILE

Gender: Male
Age: 25 Years
Marital Status: Unmarried
Date Of Birth: 13th Oct of 2000
Nationality: Sri Lankan

PROFESSIONAL SUMMARY

Dedicated Engineering Technology graduate with hands-on experience in energy and environmental technology. Eager to leverage technical expertise, sustainability knowledge, and strong interpersonal skills. Proven flexibility in responding to diverse work situations, managing sites, and delivering practical solutions while maintaining professionalism and a commitment to service excellence in dynamic settings.

EDUCATION

B.ET. (Hons) in Energy and Environmental Technology, University of Sri Jayewardenepura, Nugegoda, Sri Lanka. | 2021 – 2025

G.C.E Advance Level – 2019

Engineering Technology District 2nd and Island 53rd Place with 2.0530 Z-Score in 2019 Advanced Level (A/L) Examinations.

PROFESSIONAL EXPERIENCE

Trainee Engineer, Solar Division

2023 (Six-Month Training)

David Peris Renewable Energy, Sri Lanka

- Participated in solar installations, ensuring efficient setup and integration of systems, demonstrating practical engineering skills adaptable to resort maintenance and facility upgrades.
- Attended to after-services and problem-fixing, resolving technical issues promptly to maintain operational efficiency, aligning with the need for flexibility in handling varied work
- Managed installation sites and after-services, coordinating teams and resources to deliver high-quality outcomes, showcasing professionalism and interpersonal skills in collaborative settings.

COURSES

- 2017 - **Diploma in English** (six moth course by Laksmen Yapa Abeywardhana Foundation, Sri Lanka)
- 2017 - **Diploma in Advanced English Grammar** (six moth course by Laksmen Yapa Abeywardhana Foundation, Sri Lanka)
- 2017 - **Diploma in Information Technology** (six moth course by Laksmen Yapa Abeywardhana Foundation, Sri Lanka)
- 2023 - **Online Leadership Course** (Aspire Institute)
- 2023 - **Green Investment: Renewable Energy** (ADBI Institute)
- 2025 - **Introduction to Psychology** (Alison)

SKILLS

- **Technical Skills:** Microsoft Office, COMSOL Multiphysics, Site Management
- **Soft Skills:** Teamwork, Fast Learner, Motivated, Time Management, Flexibility in Diverse Situations, Excellent Interpersonal and Professional Communication

PUBLICATIONS

- **The Race to Capture Carbon: Creating a Sustainable Future** (Research Technology & Engineering, 2023, 195-210) Udara S.P.R. Arachchige, S.D.N. Udayanga*, P.M.P. Madawa, M.I.M Fahim, A.M.A.R.B. Alahakoon, G.A.I.M.Bandara, G.S.K.Nanayakkara
<https://www.jrte.org/2023/10/28/research-progress-on-co2-capture-technology-by-chemical-absorption-method/>
- **Turning Tire Green: Examine Waste Tire Pyrolysis as a Green Solution** (Research Technology & Engineering, 2023, 27-56). S.D.N. Udayanga*, P.M.P. Madawa, Udara S.P.R. Arachchige
<https://www.jrte.org/2023/10/28/turning-tire-green-examine-waste-tire-pyrolysis-as-a-green-solution/>
- **Rotary Kiln Tire Pyrolysis Towards Greener Waste Management** (Research Technology & Engineering, 2023, 144-174). Udara S.P.R. Arachchige, S.D.N. Udayanga*, P.M.P. Madawa
<https://www.jrte.org/2023/10/28/rotary-kiln-tire-pyrolysis-towards-greener-waste-management/>

LANGUAGES

- English (Advanced)
- Sinhala (Native)

REFERENCES

Eng. Lakshitha

Electrical Engineer - David Pieris Renewable Energy (Pvt) Ltd
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Dr. Udara Arachchige

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