



NITHYA KAWISHANI

Bachelor of Engineering Technology (Hons) in Electromechanical

ABOUT ME

As a highly motivated and creative graduate student in Engineering Technology, I am excited to pursue a career and apply my knowledge and skills to real-world challenges. I am committed to staying up-to-date with the latest developments in Engineering Technology and contributing to the field through innovative ideas and collaborative projects. I am also a trustworthy and responsible individual who takes pride in my work and strives to deliver high quality results.

WORK EXPERIENCE

Intern – Mechanical Engineering | 2024 (Six-month internship)

Michelin Lanka (Pvt) Ltd – Midigama Tyre Division

Completed a six-month internship at Michelin Lanka's Midigama Tyre Division, where I gained hands-on experience in mechanical engineering, process improvement, automation, technical documentation, tyre manufacturing workflows, and safety engineering. Actively supported the safety team by contributing to a comprehensive machine risk analysis project, helping identify hazards and recommend mitigation measures to enhance workplace safety.

EDUCATION & CERTIFICATIONS

Bachelor of Engineering Technology (Hons) in Electromechanical (Graduated) | 2021-2025

Faculty of Technology, University of Ruhuna

Certificate Course in Hydraulic and Pneumatic Technology | 2024

Ceylon German Technical Training Institute

Foundation Certificate in Human Resource Management | 2024

IBS Campus, Maharagama

Foundation Certificate in Business Management & Marketing | 2024

IBS Campus, Maharagama

G. C. E. Advanced Level Examination | 2017 – 2019

Mahinda Rajapaksha College, Matara

CONTACT

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PERSONAL DETAILS

Name in Full : Kuruppuge Nithya Kawishani

Gender : Female

Marital Status: Unmarried

Nationality : Sri Lankan

SKILLS

Technical Skills

- SolidWorks
- AutoCAD
- PLC Ladder Logic
- MATLAB
- COMSOL Multiphasic

Soft Skills

- Problem Solving
- Teamwork
- Communication
- Time Management
- Adaptability

LANGUAGE PROFICIENCY

Sinhala: Native
English: Professional Working Proficiency

PROJECTS

Development of Automatic Control System for Heat Treatment of Geuda Gems for Gas Fire Furnace

Designed and implemented an Arduino-based automated system for precise LPG–O₂ flow control and temperature regulation in a gem heat-treatment furnace, significantly improving safety, efficiency, and consistency in sapphire processing.

Machine Risk Analysis Project at Michelin Lanka (Pvt) Ltd

Conducted a comprehensive machine risk analysis for tyre manufacturing equipment, identifying hazards, evaluating risks, and recommending mitigation measures to enhance workplace safety and compliance in an industrial setting.

Automatic Material Filling System

Online MCQ Examination System

Vacuum Cleaner System

REFERENCES

Mrs. B. H. C. S. Thilakarathna
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