

PASINDU DISSANAYAKE

 <https://mail.google.com/mail/u/1/#inbox>

 +94756281244

 261/26, Belummahara, Imbulgoda, Gampaha

 [Pasindu Dissanayake](#)

 <https://www-pasindumaleesa-com.github.io/portfolio/>

As an energized, adaptable, and versatile Electrical Engineering Technologist, I thrive on applying unconventional methods to troubleshoot challenges, all while rooted in the core principles of Engineering and Physics. My unwavering belief centers on utilizing Electrical Engineering as a catalyst to elevate societal benchmarks, fostering a sustainable environment. I enthusiastically engage with diverse engineering concepts, interdisciplinary approaches, and collaborative efforts, aiming to contribute to innovative solutions and the advancement of our technological landscape.



WORK EXPERIENCE



AUGUST 2023 – PRESENT

E-commerce Manager, Kangara Aushadhalaya (PVT) LTD

I am the architect behind our company's digital success, overseeing the online platform's entirety. From curating products to optimizing the website's functionality, my role revolves around crafting seamless user experiences. I strategize e-commerce initiatives, delve into data to refine strategies, and collaborate across teams to ensure a thriving online presence. With a blend of digital expertise and strategic vision, I'm committed to driving sales and enhancing our digital footprint.



NOVEMBER 2022 – MAY 2023

Trainee Automation Technologist, Michelin Lanka (PVT) LTD

During my tenure as a Trainee Automation Technologist at Michelin Lanka Pvt Ltd, I gained substantial expertise in sensor technology, specializing in their integration within industrial systems. My proficiency extends to crafting precise ladder logic programs, ensuring seamless operations. Moreover, I adeptly utilized Python programming alongside Raspberry Pi, contributing to the development of innovative and efficient automation solutions. This experience fortified my ability to optimize processes and drive advancements in industrial automation.



SEPTEMBER 2018 – JANUARY 2019

Associate Image Processing Technician, OREL IT (PVT) LTD

During my focused three-month tenure at Intel Mobileye's ADAS project in collaboration with Orange IT, I played a dual role. I optimized image data to boost ADAS algorithm accuracy while concurrently structuring JSON datasets for seamless system communication. This involved refining image quality for improved algorithmic performance and meticulously designing JSON schemas to ensure efficient data exchange among system components. These efforts significantly contributed to advancing the project's capabilities for enhanced performance and functionality within a limited timeframe.



2019-2023

B.ET. (Hons) in Electrical and Electronic Engineering Technology

Rajarata University of Sri Lanka



2018-2019

Diploma in Web developing and Python Programming

Nenasala Diploma in ICT



BATCH OF 2017

Secondary Education

Bandaranayake College Gampaha



PROJECTS



Final Year Project - 2023

Automation Image Processing Material Handling Robot

- Python Language and TensorFlow Library to programming
- Raspberry pi with camera and lidar sensors to get inputs
- Humen following mode, Automation mode, Training mode for controlling
- Manual handling for unman areas



Industrial Training Project at Michelin Lanka (PVT) LTD - 2023

Power Monitoring SCADA System

- CVM-C4-ITF-485-ICT2, Power analyzer, panel mounted 96x96, RS-232/485-Ethernet converter TCP2RS+ used to network communication
- Power Studio Software used to monitor energy consumption of each panel
- Able to find energy faults in the system



Third Year Project - 2022

PLC Base Automatic Wending machine

- SIEMENS S7 200 Model, Raspberry pi, Barcode reader to get inputs
- Barcode scanning and recode the Product type
- Python language to program Raspberry pi and sensor (LJ12A3-4-Z/BX)
- Customer can buy product using their barcodes



Second Year Project - 2021

GUI for control the home power system

- Python Tkinter library used to create GUI,
- PyFirmata Used to make communication Arduino Uno board and the GUI
- This GUI was Able to control home lighting, water motors, television, Etc.
- Set time mode applied



First Year Project - 2020

IOT Based Air condition detector Controlling System

- Technologies & Hardware -: ATMEGA 2560 | MQTT | AWS | SIM 800L
- Remote access and check air condition
- can be implemented on anywhere you want



SKILLS, STRENGTHS & INTERESTS

STRENGTH

Engineering Development Environments

✓ Hardware

S7-200 PLC | All series of Raspberry pi
| All series of Orange pi |
All series of Arduino | ESP32

✓ Software

MATLAB | Power Studio
| All adobe software | SolidWorks
| CAD | Proteus | Multisim | labview

✓ Programming

Python | Django framework | Ladder

SOFTSKILLS

Learning Potential | Teamwork |
Professionalism | Leadership & Training
| Communication | Time Management
| multi-tasking

SOFTSKILLS

Web developing | Python
programming | Power Systems | Automation
Systems | Electrical Utility | Data
Communication & Networks | IOT | Electrical
System Testing &
Commissioning | Electrical System
Designs | Robotics



EXTRA CURRICULAR

President - ASEET Association

**Association of Electrical and Electronic
Engineering Technology Rajarata
University of Sri Lanka**



January 2023 – December 2023



AWARDS

The best Innovation in the IMAGINE IF
competition

Rajarata University of Sri Lanka



January 2022

Wise President – FOT Media Association
**Association of Electrical and Electronic
Engineering Technology Rajarata
University of Sri Lanka**



January 2022 – December 2022



LANGUAGES

- **Sinhala**
Native
- **English**
Fluent



REFERENCES

Mr. Janaka Sampath

Maintenance engineer

(Michelin Lanka (PVT) LTD)



+94713376801



Janaka.Sampath@michelin.com

K.W.A.A.C. Wickramarachchi

Medical Laboratory Technologist

(Medical Supplies Division)



+94772228556



anuradhachathuranga@gmail.com