




Sopheakneat Em

Mechanical Engineering

My Contact

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Battambang, Cambodia

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Education

● **Suranaree University of Technology**
Bachelor in Mechanical Engineering
June-2010 - June-2023

Skill

Technical Skills

- Microsoft Office
- Python, Matlab
- CAD Program (AutoCAD, Solidwork)
- PLC
- Flow Simulation
- Computer Aided

Soft Skills

- Communication
- management Skills
- Problem Solving
- Adaptable
- Analysis

Languages

English
Thai
Khmer

About Me

Detail-oriented and proactive Production Engineer with almost 2 year of hands-on experience at Denso Cambodia, specializing in radiator assembly processes, Pokayoke implementation improvement. Skilled in leading cross-functional projects, solving technical issues, and preparing key documentation such as Process Control Specification, FMEA, Process Flow, and QA Network. Previously served as a Regulation and Compliance Engineer at Daikin Industries, which managed product regulation compliance across five countries—Philippines, India, Cambodia, Malaysia, and Myanmar.

I passionately seeking for opportunity for a skills development and growth.

Work Experience

Denso Cambodia | Production Engineer
February-2024- June-2025

- In charge of Line Radiator Product as a Production Engineer
- Able to analyze the problem occur in Radiator Assembly line
- Able to improvement Pokayoke to prevent failure occurrence and flow out occurrence in process assembly Radiator
- Able to add product transfer to Radiator Assembly line
- Able to responding about external audit ISO 9001 of Radiator Assembly line for control Items
- Able to understand and prepare document of Process Flow, Process Control Specification, FMEA, QA-Network
- Lead New model part number of Radiator product of 482D project
- Lead project step 4.0 which transferring the Radiator Product to Radiator Assembly line from Thailand
- Support improvement project Karakuri to reduce one manpower in process and motion of human
- Support project localize material change of Bracket part

Daikin Industries Thailand | Product compliance and Regulation Engineer

July-2023 - January-2024

- Responsible for regulation of Philippine, India, Cambodia, Malaysia and Myanmar
- follow and process the plan of compliance of the product
- Inform the updated regulation to internal department related
- Check the develop product which concern to regulation
- cooperate with Daikin affiliate for gather and comply the regulation to the product

Bosch Automotive Technology Thailand | Intern in Testing team
28-November-2022 - 17-March-2023

Project Responsibility

- create the application using Microsoft Power App
- *To support the testing actuation in the laboratory*
- *Assist to contact to supplier for special testing*

Extra Activities

Global Program Baed Learning Suranaree University of Technology & Rajamangala University of Technology Isan

22-24-July-2022 and 5-7August-2022

- Being as a staff to organize the event
- Help guide the participants to achieve their project

Sut Global Ideathon : VPBL on Smart SDGS

Suranaree University Of Technology
24-November-2021 - 2-December-2021

- Solving Problem based on SDGS
- Win the 2nd Runner Up

Academic History

Suranaree University of Technology | Project Graduate Project

8-August-28- November-2022	<div><div>Project Topic: Mobile Robot Following Human</div><div>Using Raspberry Pi with camera and OPENCV to create the prototype of robot Design the mechanism for robot Test and modify the robot in order to obtain smooth results</div></div>
2-December- 2021 March-2022	<div><div>Project based on Subject: Machine Design II</div><div><div>Ice Shaver Machine</div><div>Create the prototype of Ice Shaver machine by using 3D printing Design the machine with creative ideas</div></div></div>
	<div><div>Project based on Subject Air Conditioning and Refrigeration</div><div><div>Calculation and design the suitable air-conditioner</div><div>Using the theory of air-conditioning to calculate for air-conditioner Set the conditions for the building that suitable for it Identify the unit of the air-conditioner</div></div></div>
	<div><div>Project based on Subject: Industrial Automation</div><div><div>Design the orange classification which to separate its size</div><div>Design the industrial manufacturing process Write the PLC based on the design</div></div></div>
29-March-2021 14-July-2022	<div><div>Mini Project on Subject : Electrical Engineering</div><div><div>Project Topic: RFID Based Attendant System</div><div>Arduino is the main component to create the system Using C++ language to create the software of system Combine the circuit connection to improve the system</div></div></div>