

JINNAPAT KALSAWAI



"Chemical engineering graduate with hands-on experience in process engineering from an internship at PTT's gas separation facility in Rayong. Committed to continuous learning and skill development, I aim to leverage my technical knowledge and teamwork, coordination, and problem-solving skills to contribute effectively in a chemical engineering role. My goal is to become a highly skilled and qualified engineer who drives organizational success while actively growing alongside the company."

ABOUT ME

-  02/11/2001 , 23 years
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EDUCATION

FACULTY OF CHEMICAL ENGINEERING

- Kasetsart University 2020-2024
GPAX : 2.93
- **Secondaly School** 2013 - 2019
Kalasinpittayasan School
GPAX :3.91

LANGUAGE

- Thai
- English
Toeic : 620

SKILLS

- Microsoft office
- Aspen plus
- Aspen HYSYS
- MATLAB
- Alteryx

TRAINING

- Aspen HYSYS and Aspen EDR
- Control Design Onramp with Simulink
- MATLAB Onramp
- Simulink Onramp
- Best practise on Waste managment

WORKING EXPERIENCE

• Kasetsart University.

• Term Project

2023-2024

Development of Ion Conductive Membrane for Microbial Fuel Cell for Wastewater Treatment Applications.

Made from clay and composite materials instead of traditional materials such as polymer rubber, to reduce production and wastewater treatment costs and be environmentally friendly.

• Engineering Student Association

2022-2023

Head of Welfare Department

responsible for supporting members' well-being, providing resources, and ensuring safety, so activities run smoothly and effectively.

• Plant Tour At PTT LNG Company

2023

Learn about the safty systems of various valves and the manufacturing processes of the industries.

• Gas Separation Plant ,PTT Company.

March - June 2023

Process Engineering Department Internship.

• Project : Sankey diagram

graphical representation that illustrates the flow of energy or various resources within a system, highlighting the quantities of inflows and outflows, as well as the losses occurring at each stage.

It helps analyze energy and resource usage, identifies points of loss, reduces costs, enhances production efficiency, supports environmental friendliness, and makes team communication easier.

• Harris teeter, DE, United states

May - September 2024

• Produce

arranging and inspecting the quality of fruits and vegetables, restocking items and promote fresh produce sales.

• Cashier

processing customer payments, scanning items, and providing receipts, as well as delivering quick

• High's ,De, United states

May - September 2024

• Deli

preparing and selling fresh foods such as well as providing customer service in selecting and preparing food according to their preferences.

• Luna cactus ,De, United states

June-August 2024

• Busser

clearing tables, cleaning tables and dining areas, assisting in serving food and drinks as needed by the waitstaff to ensure smooth service.