Thanakrit Naprasert

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Education

2017-2021	Kasetsart University (Bangkok, Thailand)
	Computer Engineering
	Cumulative GPA: 3.22

Technology Skills

Libs / Frameworks	React, Socket.io, Express, NextJS, Flutter 2, Spring Boot
Database	MongoDB, MySQL
Others	Docker, NGINX
Programming	C/C++, HTML, CSS, Javascript, Python, Java, Dart
Language	Thai: Native
	English: Basic

Experience

Internship Project

This project is one that I developed during my internship at Innovation Software Consulting Co Ltd. I developed an account management app with Flutter 2.

Stack

- Flutter 2 to develop UI
- Spring boot (Back End)
- MySQL

Link & Resources

- *intern.pdf*

Projects

Battle CPE

BATTLE CPE is 2D multi-direction shooter video game for 2-4 players and players. The player will take the role of a tank driver The rule of the game is to destroy the opposing tanks. When the side who scores the KILL points according to the game set will be the winner.

Stack

- Construct 2 to develop Gameplay
- C language to develop joystick
- Deploy on Google Firebase

Link & Resources

- *https://battle-cpe.firebaseapp.com/*
- *https://ecourse.cpe.ku.ac.th/tpm/project/practicum-61s#group-7/*

Control Car With Hands

This project is the development of a control car that can be controlled by hand. Using gloves to control as a signal to control the car The connection between the control car and the glove is to use a microcontroller in communication.

Stack

- MicroPython for building firmware
- NodeMCU ESP-32

Link & Resources

- *https://github.com/Tauhoo/Control-Car-With-Hands*
- *https://ecourse.cpe.ku.ac.th/tpm/project/embedded-62s#group-14/*

Hydroplant

HYDROPLANT is an IOT project that makes growing vegetables very easy by controlling various factors of hydroponics plants and there is a web application to monitor and control sensors.

Stack

- Express
- MongoDB
- Socket.io
- HTML + CSS + Javascript
- MQTT to communicate between hardware and software
- Hardware (ESP32+ Arduino + etc)
- Deploy on DigitalOcean (Ubuntu 20.04 + Nginx + PM2)

Link & Resources

- *https://github.com/3Peet/Hydroplant*
- *https://ecourse.cpe.ku.ac.th/projar/project/details/1506/*