

SAROOT AREERATTANAWETCH

Full-Stack Developer

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About Me

My dream job would be as a Full-Stack developer. Since I was ten years old, I have been researching a lot of computer skills such as building Lego - Mindstorms and solar-cell robots. In high school, I enjoy working on projects especially web development so I think I am really into it.

Education

Princess Chulabhorn Science High School Phitsanulok
Sciences and Mathematics

2017 - 2022

Chulalongkorn University

2023 - Present

Computer Engineering and Digital Technology (CEDT)

Skills

Web development (React, Next.js, Node.js)

Mobile development (Flutter)

UX/UI design (Figma)

IOT/Microcontroller (Esp32, Arduino, Raspberry Pi)

3D Design (Tinkercad, Fusion 360, Lego)

Experience

National ITMX (Intern) - Software Developer

May 2024 - July 2024

- Training work project website using Next.js with Golang and Java springboot backend
- Use Apache Kafka To support real-time data processing in mini project

Competitive Academic

Microsoft AI for Accessibility Hackathon 2024 (Finalist)

Solve Accessibility for Disabled person, New Vision glasses for blind people.

TESA Top Gun Rally #18 (6th & Top Score Hardware Programming)

Predictive and analyzing machine sounds to develop the Thai molding industry

CU Coding Challenge (First runner-up)

Hackathon solve mutual of fund industry, BPF Project

UNIHACK 2023 (Participates)

Hackathon solve problems in the community, Design a community waste management system

Recent Projects

Shoppdee (National ITMX Intern project)

An online shopping website built with a Next.js frontend, a Java Spring Boot backend and a MySQL database.

Appsom (National ITMX Intern project)

Task manage website built with a pure Next.js frontend that uses JSON to store data.

Discord Gemini bot (National ITMX Intern project)

A Discord bot built with the Gemini 1.5 API in Golang, allowing for direct conversations in Discord.

BPF-Best Promotion for fund (CU Coding Challenge project)

A fund promotion comparison platform built with Next.js and a MySQL database.

Online learning assistant (High School project)

A program for monitoring students during online learning with face detection in Python, storing data in Google Sheets, and a website built with HTML, CSS, and JavaScript.

Electronic large gong circle (High School project)

A redesigned Thai musical instrument in an electric format, created with 3D design in Fusion 360, combined with Arduino circuits and coding in C++.

Periodic Table Hunt (Introduction to CEDT project)

A game designed to help you memorize elements of the periodic table, built with HTML, CSS, and JavaScript, and using MongoDB for the database.

Portfolio website (Own Project)

A personal website showcasing my profile and projects, built with Next.js.