

KIATTIPHAN WAREERAK

Full Stack Developer

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SUMMARY

I am a recent Computer Engineering graduate with hands-on programming experience gained during my internship. Passionate about working on diverse projects that fuel my creativity and challenge my abilities. I aspire to become a Full Stack Developer, and I am eager to learn while taking full responsibility for my work. I bring fresh perspectives, enthusiasm for learning, and dedication to writing clean, efficient code.

PROJECT EXPERIENCES

Oil Price Web Application | *HTML, CSS, JavaScript, PostgreSQL, Docker* |

- Developed a web-based dashboard for oil price monitoring and market trend analysis
- Implemented multi-currency conversion function to display oil prices in various currencies
- Tested and validated APIs to fetch oil price from PTT and Singapore oil market

BoothBooth Web Application | *HTML, CSS, JavaScript, GO, PostgreSQL* |

- Develop an inventory management system for exhibition booths with real-time stock control
- Built a dynamic web to track inventory and sales transactions
- Provide revenue tracking for better business insights and financial oversight

LoRa Communication Management Web Application | *HTML, CSS, JavaScript* |

- Created a new website that delivers a cleaner, faster and more intuitive experience for LoRaWAN network management by enhancing an existing open-source LNS.
- Utilizing the API from ChirpStack and remove unnecessary components

CNN Model For Malaria Cell Classification | *Python* |

- CNN-based machine learning model for automated malaria detection through microscopic red blood cell image classification with over 70% accuracy
 - Implemented image preprocessing and data augmentation techniques to improve model performance
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WORK EXPERIENCES

Teaching Assistants (Database Systems), Khon Kaen University *Jun 2024 - Oct 2024*

- Supported instruction in relational database concepts, SQL, NoSQL, ER modeling and normalization.
- Assisted in grading assignments.

Internship (Junior Developer), PlaySmart IoT and System *Apr 2023 - Jun 2023*

- Developed a web application on ESP32 using HTML and Flask.
 - Developed and testes programs with ESP-NOW protocol for wireless communication between ESP32 devices.
 - Assisted in training on the design and installation of IoT systems.
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EDUCATION

Bachelor of Engineering in Computer Engineering	2020 - 2024
Khon Kaen University, Khon Kaen	GPAX 2.58
Thailand	

CERTIFICATES

• Network and Security, Thai MOOC	(2023)
• Cloud Computing for Everyone, CHULA MOOC	(2023)
• Exploring Digital Technology Landscape, CHULA MOOC	(2023)

ADDITIONAL INFORMATION

Technical Skills:

- **Front-end:** HTML, CSS, JavaScript, React
- **Back-end:** Node.js, Python, Java, Go
- **Databases:** MySQL, PostgreSQL, MongoDB, Firebase
- **Tools & Technologies:** API, Git, Docker, Nginx, Postman, Grafana
- **Hardware & IoT:** Raspberry Pi, ESP32, Arduino
- **Other:** Linux, Server Configuration, Microservices, Microsoft Office

Soft Skills:

- Communication
- Negotiation
- Open-mindedness
- Self-awareness
- Growth-minded
- Problem-Solving

Languages:

- Thai: Native
 - English: Proficient (TOEIC 835)
 - Chinese: Beginner
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