

THIRAMET PHUTHONG

Software developer proficient in Python, JavaScript, and Machine Learning. Successful in hackathons and bootcamps with demonstrated strong problem-solving abilities. Experienced in both front-end and back-end development, focusing on improving user experience. Expert in AI solutions, data science, and DevOps approaches. Strong team player committed to continuous learning and career growth.

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EDUCATION

Ramkhamhaeng University Bachelor of Computer Science

December 2021 - Expected Graduation on December 2025

LICENSES & CERTIFICATION

Junior Software Developer Cohort 8 - Participated

Generation TH

Super AI Engineer : AI Developer - Participated

AIAT(สมาคมปัญญาประดิษฐ์ประเทศไทย)

other

SKILL

Programming Languages & Frameworks

Python , JavaScript, TypeScript , GO, C++ , Java, Express, ReactJS, Fiber, Langchain

Database

mySQL, MongoDB, Faiss, Qdrant

Tools

Docker, Jenkin, Git, Visual studio code

Others

Linux, Amazon web service(AWS), Google Cloud Platform(GCP), Vercel, Render

EXPERIENCE

Software Developer - Generation Thailand : September 2024 - December 2024

I worked with a team of 4 on a 4 month e-commerce project, gaining hands-on experience in software development, version control, and agile methodologies. I designed an admin interface for efficient inventory management and developed a robust backend system. Additionally, I built and deployed a chatbot to enhance user engagement for thousands of customers.

AI Engineer - BAAC(Bank for Agriculture and Agricultural Co-operatives) : August 2024 - October 2024

I developed a RAG chatbot for internal information retrieval using FAISS, OpenSearch, and LangChain over a 3 month period. I also built a fast, efficient document search engine with vector embeddings and designed a responsive web app using React for chatbot and search functionality. To streamline development, I set up a CI/CD pipeline with GitLab CI and deployed scalable, consistent Docker containers for production. The project included 2 prototypes and now serves 14,000 employees at the headquarters.

IT Manager Part time - Pun center : 2022-Present

I have been working as a part-time IT Manager at Pun Center since 2022, where I build and maintain WordPress websites while providing troubleshooting, system maintenance, and technical support. Additionally, I volunteer as an instructor at Debsirin School, teaching AI applications and WordPress development. I also conduct IT lectures and offer one-on-one tutoring sessions for students and staff.

Graphic designer freelance - Breakfast studio : 2018-2024

I worked as a freelance graphic designer from 2018 to 2024, specializing in UX/UI design, logos, banners, and packaging. Over six years, I completed over 1,000 projects for more than 1,000 clients. In addition to graphic design, I built and maintained ReactJS websites, transforming client ideas into custom designs. I also managed projects efficiently, ensuring high-quality deliverables on time.

AWARD

1 th Runner Up Brain Motor Imagery Classification onsite hackathon out of 170+ people participating. : Winner

AIAC - Super AI Engineer SS4 Hackathon

10 th place Signal Processing: Sleep Stages Classification onsite hackathon out of 170+ people participating.

AIAC - Super AI Engineer SS4 Hackathon

7 th place Human Activity Recognition (HAR) Hackathon onsite at mahidol university out of 90+ people participating. : Special reward

AIAC - Super AI Engineer SS4 Hackathon

- and other see all : thirametphuthong.com/competitions

LANGUAGE

Thai : Native

English : Conversation

PROJECT

OrbitRex Living - Generation Thailand : *September 2024 - December 2024*

Full-Stack Developer | AI Engineer | DevOps

I worked as a Full-Stack Developer, AI Engineer, and DevOps in a team of 4 on an e-commerce project called OrbitRex Living. My primary responsibilities included developing and maintaining the backend for both the shop site and the admin site using modern web technologies. I also designed and deployed the backend and frontend admin panel to cloud infrastructure, ensuring scalability and security. Additionally, I built and integrated an AI-powered chatbot for the shop site to enhance user experience and provide automated customer support, while my teammates handled the frontend development of the shop site.

Welf Assit Smart Chatbot Platform - BAAC(Bank for Agriculture and Agricultural Co-operatives) : *August 2024 - October 2024*

Full-Stack Developer | AI Engineer | DevOps

I developed a RAG (Retrieval-Augmented Generation) chatbot for internal information retrieval at BAAC, using FAISS, OpenSearch, and LangChain over a 3-month period. This chatbot allows employees to easily access organizational information. I also built a fast and efficient document search engine with vector embeddings to enhance the chatbot's accuracy and performance. For the user interface, I designed a responsive web app using React to integrate chatbot and search functionalities seamlessly. To streamline development, I set up a CI/CD pipeline with GitLab CI, automating deployment and ensuring a consistent, scalable production environment using Docker containers. The project included two prototypes and now serves over 14,000 employees at BAAC's headquarters. This project was showcased at the AI Forum 2024 with a poster titled "Welf Assist Smart Chatbot Platform for Employees." You can view the poster here: [Welf Assist Poster](#).

Event naka - Pun center : *July 2023-Present*

Web developer

I am the lead developer for the website Event Naka, a platform designed for foreign travelers. I built and maintain the site using WordPress, ensuring it is user-friendly, responsive, and optimized for an international audience. You can visit the website here: [Event Naka](#).

Freelance kub - Pun center : *June 2024-Present*

Web developer

I developed the Freelankub website, a platform aimed at helping people with disabilities build careers and generate income. Built using WordPress, the website supports freelancers with disabilities in finding job opportunities. You can visit the website here: [Freelankub](#).

ACTIVITY

Super AI Startup Pitching Final

AI Thailand Forum 2024 by AIAC

I participated as a Project Manager & Developer in this hackathon, where my team pitched a solution to develop a carbon credit platform for Thai farmers. Our project aimed to leverage AI and blockchain technology to help farmers generate and trade carbon credits efficiently.

Hackathon: AI for Human Activity Recognition in Wellness Management

Mahidol University | July 13-14, 2024

I participated in this signal processing hackathon, where my team developed an AI model for human activity recognition in wellness management. Our innovative approach earned us a special award for outstanding performance in the competition.

Super AI Engineer SS4

AIAC | January - December, 2024

Home Credit - Credit Risk Modeling, Legal Act Classification, Signal Processing: Sleep Stages Classification, Thai Language Image Captioning, Liver Ultrasound Detection, Ultra Wide Band Pose Prediction, Nithan Chadok Name Entity Recognition, Farm Connect - Soil Water Content Prediction, Forest Type Classification, IoTs and Robotics: Temperature Prediction, Data Science: Car Prediction, Computer Vision: License Plate Recognition, Nithan Chadok Hybrid OCR-NER, NLP: Nithan Chadok Hybrid OCR-NER, Image Search.