

Pitchayakit Pahamak

Software Engineer

Last update: December 25, 2025

Online version: <https://pitchayakit.github.io/cv>

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|-----------|-------|---------|-------|------------|-------|-----------|------|----------|------|----------|------|
| PHP | +++++ | Laravel | +++++ | ExpressJs | +++++ | NestJs | ++ | Python | +++ | Restful | ++++ |
| VueJs | ++++ | CSS | +++++ | TypeScript | +++ | Livewire | ++++ | AlpineJs | ++++ | Tailwind | ++++ |
| Bootstrap | ++++ | NextJs | ++ | SQL | ++++ | WordPress | ++++ | GIT | ++++ | AWS | +++ |
| Linux | +++ | | | | | | | | | | |

Software engineer with extensive experience in the software development industry, working across startups and digital agencies. I possess comprehensive expertise in the full software development lifecycle and project management. I am passionate about Internet of Things (IoT), Machine Learning, and AI generative technologies, consistently exploring innovative ways to integrate these advancements to improve everyday life.

Professional Experience

KMUTT ETS

Jan 2025 - Present

- Deliver high-quality, scalable web applications as part of a distributed agile team.
- Drive the implementation of assigned user stories by researching, selecting, and integrating the most suitable technical tools, stacks, and frameworks for an optimal architectural design.
- Ensure robust, reliable, and maintainable code by leveraging Test-Driven Development (TDD) approaches and frameworks like Unit Test and Vitest.
- Optimize platform reliability and scalability by maintaining infrastructure and automating pipelines using AWS.
- Contribute to project success through active participation in backlog refinement, sprint planning, and daily standups, ensuring clarity on priorities and progress.
- Reproduce and fix issues found on operating web applications.
- Foster team growth by providing constructive code reviews and mentorship to enhance coding practices.
- Continuously improve team efficiency by exploring and adopting innovative tools, techniques, and methodologies.
- Support team success by collaborating effectively and assisting in achieving collective goals.
- Contribute to the development of AI-powered features by engaging in Generative AI prompt engineering to optimize outputs and enhance user experience.
- Advance educational product and framework development by contributing to academic research, ensuring evidence-based design and promoting widespread adoption.

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| AWS | TDD | Unit Test | Vitest | Agile | Generative AI |
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Rocket 8

May 2023 - Dec 2024

- Collaborated with product and design teams to align technical solutions with business goals.
- Developed and maintained microservices with shipment partners, ensuring seamless integration.
- Created comprehensive API documentation for both internal and external users.
- Designed user journeys, coding patterns, and conducted code reviews.
- Researched and implemented state-of-the-art technologies to improve system performance and reliability.
- Architected database schemas and led data migration from legacy systems.
- Wrote clean, testable code, and maintained web applications and databases for optimal performance.
- Utilized AI generative coding to enhance team productivity and streamline development processes.

ExpressJS NestJs Sequelize Swagger GitHub Copilot

Lexicon

Aug 2020 - Apr 2023

- Maintained web servers, optimizing performance and reliability while managing CI/CD processes for streamlined deployments.
- Developed clean, testable, and maintainable code, focusing on delivering high-quality solutions.
- Managed the Line CRM system, ensuring seamless integration and optimal performance.
- Administered and customized content management systems using Laravel, Nova, and WordPress
- Implemented and managed Elasticsearch to enhance search functionality and improve data retrieval speed.
- Executed data migration tasks, ensuring data integrity and minimizing downtime.
- Collaborated with clients to understand their needs and provide technical support and solutions.
- Mentored junior developers, providing guidance in practices and offering technical support.

Laravel WordPress VueJS Nova Alpine JS Livewire Tailwind CSS

Education

Master of Network Learning Technology, College of Electrical Engineering & Computer Science, National Central University, Taiwan [2018 - 2020]

Bachelor of Computer Engineering, College of Engineering, Kasetsart University, Thailand [2013 - 2016]

Additional Experience

A Study of using IoT and Zenbo robot to facilitate students’ interaction in flipped classroom and the analysis of their perception.

Master's thesis at National Central University, Taiwan

IoT Zenbo Machine learning Python Arduino Flask MySQL

Video analytics web application

Cooperative Education at SeSaMe (Sensor-enhanced Social Media) Center, National University of Singapore

Play Framework HTML Canvas OpenCV MongoDB

Smart home system

Bachelor's senior project at Kasetsart University

Arduino Raspberry Pi Python Flask MySQL

Teaching Assistant at Kasetsart University and National Central University

Programming Data structure