CHANCHAI LERTSRI

FULL STACK WEB DEVELOPER

CONTACT

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EDUCATION

2022–Present
Suranaree University of Technology
Nakhon Ratchasima
GPA: 3.5
Bachelor's Degree in **Computer Engineering**
(Expected to complete in May 2026)

2016–2021
khunhanwittayasan school
Si Sa Ket
GPA: 3.86
Special Mathematics-Science

SKILLS

Hard Skills

- React
- next.js
- Node.js
- Github
- Docker
- Postman
- Figma
- Material UI
- Ant Design
- Bootstrap
- GCP(Data Pipeline, Warehouse)
- Fast API
- Supabase
- HTML
- CSS
- JS
- TS
- GO
- C
- PYTHON
- SQL

Soft Skills

- Leadership
- Teamwork & Collaboration
- Continuous Learning
- Problem-Solving
- Time Management & Organization

PROFILE

Full Stack Developer with a growth mindset, dedicated to crafting high-quality web applications with clean architecture and seamless user experiences. Passionate about leveraging Data Engineering principles and AI Deep Learning technologies to create intelligent systems and optimize data workflows. Strong leadership abilities combined with excellent teamwork, a continuous learning approach, strategic problem-solving skills, and effective time management.

EXPERIENCE

2025 - Present | Part-time Software Engineer
SKAI MED Co., Limited

- Working as a part-time software engineer specializing in healthcare technology solutions and medical software system development
- Developing and maintaining critical healthcare management software modules while ensuring compliance with medical data security standards and privacy regulations
- Collaborating with healthcare professionals to understand complex system requirements and implement user-friendly interfaces for medical applications
- Gained extensive experience in debugging healthcare applications, system maintenance, and working with sensitive medical data while maintaining high security standards
- Technology Stack: Medical Software Development, Healthcare Requirements Analysis, Critical System Maintenance, Data Security Implementation

2025 | Capstone Project
Science Park Management System (RSP Northeast 2)

- Conducted comprehensive user interviews to gather and analyze requirements, ensuring that the system's functionality meets real-world needs and stakeholder expectations
- Implemented automated invoice generation and email notification systems to streamline facility management processes
- Designed and developed a web application for meeting room bookings and maintenance requests using React, Golang, Docker Compose, Nginx, Material UI, and SQLite

2025 | Course Project, Software Engineering (SE)
Hospital Management System

- Developed a comprehensive full-stack web application for hospital operations, including patient records management, appointment scheduling, pharmacy inventory, and warehouse management systems
- Implemented role-based access control and secure authentication mechanisms to ensure data privacy and system security for different user types (doctors, nurses, administrators)
- Technology Stack: React, TypeScript, Go Lang, Docker, Nginx, SQLite, JWT, smtp

2024 | Course Project, System Analysis and Design (SA)
Online Movie Ticket Booking System

- Built a complex movie ticket booking platform handling multiple showtimes, theater management, and scheduling coordination across different cinema locations
- Implemented sophisticated backend logic for seat management, pricing calculations, and scheduling conflicts resolution to ensure optimal resource utilization
- Technology Stack: React + Vite + TypeScript (Frontend), Go Lang (Backend)

- **2024** | Course Project, Operating System (OS)
  RFID—Based Student Attendance System
  - Developed an automated attendance tracking system using RFID technology and Raspberry Pi 4 for contactless student identification and real-time data logging
  - Implemented contactless student ID card scanning with instant database updates and attendance report generation for academic administration
  - Created web-based dashboard for teachers and administrators to monitor attendance patterns and generate comprehensive reports
  - Technology Stack: Raspberry Pi 4, RFID sensors, MySQL, SQL

- **2024** | Course Project, Deep learning (DL)
  Food Classification System
  - Built an AI-powered food detection and classification system using advanced CNN architectures and computer vision techniques for accurate food recognition
  - Integrated intelligent recipe and ingredient recommendation engine based on classified food types to provide personalized culinary suggestions
  - Achieved high accuracy in food classification through model optimization and extensive dataset training
  - Technology Stack: Python, Deep Learning frameworks, Computer Vision, CNN, Transformers

EXTRACURRICULAR ACTIVITIES

Vice President—Computer Engineering Cohort 27   2023–Present

Actively participated in the design, organization, and coordination of various departmental activities and events for the Computer Engineering cohort. Collaborated with faculty and students to ensure successful execution of academic and social initiatives while developing leadership and organizational skills through hands-on involvement in departmental management.

Contestant—ENGi Research to Market (ENGi R2M)   Jun–2025

Participated in a comprehensive research-to-market competition focusing on transforming innovative research projects into viable commercial products and business solutions

Contestant—Esan Hackathon (Health Promotion Innovation)   Mar–2025

Participated in the Esan Hackathon, focusing on health promotion innovation. Designed and built an intelligent AI-powered accident detection system with automated emergency response capabilities, leveraging AI and machine learning techniques to create a solution for real-time accident alerts and rapid notification to relevant authorities.

President—Suranivet 10 Dormitory Committee   2023–2024

Served as the President of Suranivet 10 Dormitory Committee, overseeing dormitory operations and student welfare. Led the welcoming and orientation process for new freshmen residents, guiding them through dormitory rules and campus life while organizing and supervising various activities and events for dormitory residents to foster a supportive and engaging community environment.

LANGUAGES

- Native in Thai
- Intermediate in English

REFERENCE

Komsan Srivisut, Ph.D.

Chief, Engineering Education Innovation SUT

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