THANAGORN CHAIYUT

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EDUCATIONS

- 2023-Present: Bachelor of Engineering (Computer Engineering), Chulalongkorn University.

- 2020-2023: Gifted Science, Triam Udom Suksa School.

LANGUAGE SKILLS

- TOEIC**:** 865/990 (27 Sep 2025)

TECHNICAL SKILLS

Computer Languages

- Python
- R
- Java
- C++

- SQL
- Golang (Fiber)

- HTML
- CSS
- JavaScript
- TypeScript

Tools and Frameworks

- React
- Next.js
- TailwindCSS
- Node (Express)
- MongoDB
- PostgreSQL

- Figma
- Github
- Notion
- Linear
- Vercel

PROJECTS

- Baan-Saat (August 2025-Present)
  - A group project developed under the SCRUM methodology to build a cleaning service platform using React, Express, MongoDB, and Vercel. The system enables users to find and connect with cleaning service providers that best fit their needs.

  - My role involves both frontend and backend development — implementing designs from Figma, building a shared design system and reusable components, and developing pages such as Home, Account, Post (including Detail, Create, and Edit), and Chat. On the backend, I worked on developing Apply-related APIs and connecting the database with both development and production environments.

- Bitcoin Signal Prediction (June-July 2025)
  - A personal project developed using Python to build a simple classification model that predicts whether to buy or sell cryptocurrency pairs.

  - Collected real-time price data via the Binance API and used technical indicators such as MA, RSI, MACD, and Bollinger Bands as model features.

  - Evaluated five classification algorithms — Logistic Regression, Random Forest, XGBoost, KNN, and SVM — to compare performance.

- Skooldio's E-Commerce Website (Oct 2024)
  - A group project from the Skooldio Web Development Bootcamp built with React, CSS, and JavaScript.

  - Developed components for category-based product listing and product detail pages, focusing on reusable UI elements and responsive design.

- Pixel Saga (Apr-May 2024)
  - A 2D platformer game developed as a pair project in the Programming Methodology course using Java.

  - Implemented player movement, damage calculation, perk system, and sound effects to enhance gameplay experience.

EXPERIENCES

- Frontend Developer, CUNEX (Aug 2025-Present)
  - Currently developing on the Backoffice Web System and LLE Module on the CUNEX App — a centralized platform for managing and registering student activities and events organized within Chulalongkorn University.

- Frontend Developer Intern, IBOTNOI Company Limited (May-Aug 2025)
  - Enhanced knowledge and hands-on experience with tools and frameworks such as Angular, Next.js, and React, and applied them in a senior-led project called "Botnoi Turbo," a text-to-speech web application that converts text into natural speech and allows users to select different voice models, utilizing real-world datasets and APIs from Botnoi Company.

- Frontend Developer, ISD (Feb 2025-Current)
  - Currently developing on CUCM (Chula Chiangmai) Reward Web Application, a platform developed for the Chula Chiangmai Education Camp to foster connections between Chulalongkorn University alumni and high school students.

  - Worked on RPKM (Rub Puen Kao Mai) Website 2025, a website for freshman orientation activities. It allows students to choose activities and uses Linear Programming to assign them into groups. My part was implementing the UI and connecting it to the grouping system.

  - Worked on CU Openhouse Website 2025, a website to promote the university's faculties and activities. My part was implementing the UI for the home page, navigation page, admin entry section, and feedback section.

COURSES AND CERTIFICATIONS

- Associate Data Analyst, DataCamp (Mar 2025)
  - Certification: https://www.datacamp.com/certificate/DAA0010219161611

- Certified SQL Developer, W3Schools (Feb 2025)
  - Certification: https://verify.w3schools.com/65ZSXC9SD

- Certified Python Developer, W3Schools (Feb 2025)
  - Certification: https://verify.w3schools.com/1PNU0EW0ZG

- Data Science Bootcamp Batch 11, DataRockie (Jan-Jun 2025)
  - Certification: https://badgr.com/public/assertions/lnfn0AdiTr2aCvt2NES9qg
  - Topics:
    - Intro to Data Science
    - Second Brain with Notion
    - Spreadsheets and SQL Databases
    - Statistics
    - Coding Languages: R and Python
    - Data Transformation and Visualization
    - Intro to Machine Learning

- Web Development Bootcamp Batch 2, Skooldio (Aug-Nov 2024)
  - Certification: https://www.skooldio.com/certificate/8892adbc-0012-4f85-8535-f4b59b6b2315
  - Topics:
    - Web Foundations
    - Static Website and CSS Framework
    - Website with JavaScript
    - Developing Website with React

ACTIVITIES

- Teaching Assistant, Discrete Mathematics (2025)
  - Assisted in teaching and supporting undergraduate students, including clarifying concepts, preparing materials, and grading assignments.

- Guest Speaker, Ondemand (2024)
  - Shared personal university experiences with students.

- Guest Speaker, Ondemand (2023)
  - Provided guidance and tips for preparing A-Level exams.

- Head of Physics Problem Design, 17th TUGSELA Contest (2021–2022)
  - Led the design of physics problems for the contest.

- Commander, ROTC Year 1 Company (2020)
  - Oversaw company-level training and leadership activities.

- Math and Science Instructor, "เตรียมเพื่อน้อง เตรียมน้องให้ติดเตรียม" by Enconcept (2020)
  - Taught and mentored students in math and science to prepare for entrance exams to Triam Udom Suksa School.

- Head of Physics Team, Andromeda Book (2020)
  - Designed physics problems for educational publication.