

THANAGORN CHAIYUT

Tel: (+66) 93-725-5851

Email: thanagorn8802@gmail.com

ID Line: best12161

Github: <https://github.com/BadLuckZ>

EDUCATIONS

- 2023-Present: Bachelor of Engineering (Computer Engineering), Chulalongkorn University.
- 2020-2023: Gifted Science, Triam Udom Suksa School.

LANGUAGE SKILLS

- Thai - Native
- English - TOEIC: 865/990 (27 Sep 2025)

TECHNICAL SKILLS

Tools and Frameworks

- React
- Next.js
- Vue
- Express
- Fiber
- Gin
- Elysia.js
- MongoDB
- PostgreSQL
- Playwright
- Jest

PROJECTS

- **Promptpay QR Split** (Jun 2026-Present)
 - A personal project splitting bills and letting each participant pay their share by scanning a personalized PromptPay QR code
 - Designed and implemented frontend and backend - covering Supabase Auth with Google OAuth, bill and member management, and per-participant QR code generation using the promptpay-qr library.
 - Architected the data model across three relational tables (users, bills, members) with soft delete and role-aware access control via Supabase RLS.
- **Buriram Constituency 1 Election Analysis 2026** (Apr-May 2026)
 - A group project developed using Python to extract, validate, and visualize 2026 Thai general election results for Buriram Constituency 1 using OCR technology, data validation, error analysis, and an interactive dashboard.
 - Handled the OCR pipeline, data validation, and error analysis - extracting election tables from scanned ECT PDFs, correcting OCR errors, and measuring pipeline accuracy.
- **Baan-Saat** (Aug-Nov 2025)
 - 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** (Jun-Jul 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

- QA & Full Stack Developer Intern, Smart Shift Solutions (May-Jul 2026)
 - Developed and maintained the Delegation of Authority (DOA) and Customer Relationship Management (CRM) systems. Contributed to **bug fixing, manual testing, test documentation**, and **automated testing using Playwright**. The CRM system supports the end-to-end property sales workflow, including reservations, approvals, contracts, payments, and document generation. Responsible for both frontend and backend development.
- Full Stack Developer (Freelance), Skooldio Tech (May 2026-Jul 2026)
 - Continue developing the Wise Mentoring System-an online platform that connects mentors and mentees under the WISE (Wisdom for Self Enrichment) program by enhancing **the Admin module with a dashboard, analytics, and reports**. Developed both frontend and backend features to improve the administrator experience.
- Full Stack Developer Intern, Skooldio Tech (ChAMP Engineering Developer Track) (Feb-May 2026)
 - Developed the Admin module of the Wise Mentoring System, including **authentication**, mentor and mentee management, and **approval workflows using invitation codes sent via email**. Responsible for both frontend and backend development.
- Frontend Developer, CUNEX (Aug 2025-Present)
 - Currently leading the frontend development team, serving as the main point of contact for requirement discussions with KBTG, coordinating development tasks, mentoring team members, reviewing code, and setting up development environments to maintain code quality and ensure smooth team delivery.
 - Developed a website integrated with CUNEX Authentication for managing and registering student activities and events at Chulalongkorn University, implementing frontend and backend features including activity history, event creation/editing/deletion, **QR code-based attendee registration, role-based access control** where event creators become Owners who can assign Managers and Staff with different permissions, and **analytics dashboards** providing insights into attendance numbers, check-in times, and attendee demographics by faculty.
- 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.

EXPERIENCES

- Frontend Developer, ISD (Jan 2025-Apr 2026)
 - Worked on the CU Openhouse Website 2026, a platform to promote university faculties and activities. Implementing features such as **Google login**, user data collection for an interactive faculty-collection game with code sharing, **QR-based event tickets for check-in**, faculty and workshop showcases, and an evaluation system for collecting user information to **issue certificates via email**.
 - Worked on the CUCM (Chula Chiangmai) Reward Web Application 2025, a platform designed to foster interaction between participants and staff through a gamified reward system. Implemented features including **PIN-based login with secret question validation, code redemption and coin-based transactions, gifting system** with constraints, **leaderboard, and transaction history**. Supported multiple roles (Participant, Staff, Moderator, Admin) with **role-based permissions**, including event management, system controls, and data export functionalities.
 - Worked on CU Openhouse Website 2025, a platform for promoting university faculties and activities. My role focused on implementing the UI for the landing page, navigation page, admin entry section, and feedback section, along with features such as registration/login, faculty and event showcases, interactive navigation, role-based admin management, and participant feedback collection.

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/1PNU0EWOZG>
- Data Science Bootcamp Batch 11, DataRockie (Jan-Jun 2025)
 - Certification: <https://badgr.com/public/assertions/Inf0AdiTr2aCvt2NES9qg>
 - 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, Software Development Practice (2026)
 - TBA
- Teaching Assistant, Computer Engineering Mathematics I (2026)
 - Assisted in teaching and supporting undergraduate students, including clarifying concepts, preparing materials, and grading assignments.
 - Mainly responsible for creating and reviewing exam questions and grading examinations.
- Teaching Assistant, Discrete Mathematics (2025)
 - Assisted in teaching and supporting undergraduate students, including clarifying concepts, preparing materials, and grading assignments.
 - Mainly responsible for creating and reviewing exam questions and grading examinations
- 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.
 - Supervised the second-round examination and exam administration.
- 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.