

# ANUWAT THONGKHAM

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## SUMMARY

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Full-stack developer with strong UI/UX skills and hands-on experience in building SaaS platforms using React, Next.js, and Express.js. Passionate about intuitive design systems, micro-interactions, and scalable full-stack architecture. Thrive in agile environments and enjoy solving UI/UX challenges.

## EDUCATION

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**Khon Kaen University**

Jul 2021 – Mar 2025

B.S. Computer Science

Relevant Courses: Human Computer Interactive, Web Design Technology, Web Application Development, System Analysis and Design, Software Engineering, Mobile and Web Application Development, Software Quality Assurance

Final Project: Minus Go – Interactive Learning Platform

## TECH STACK

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Programming Languages: JavaScript, TypeScript, HTML, CSS

Frontend: React, Next.js, Tailwind CSS, Framer Motion, Headless UI, Redix UI

Backend: Express.js, Firebase (Firestore, Storage), RESTful API, WebSocket

Design Tools: Figma

Platforms: GitHub, Vercel, Render, Railway

## FEATURED PROJECTS

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**Gumen** - Seamless Video Conference Platform

Apr 2025 - Jun 2025

[<https://gumen.app>]

- Designed UI with Figma.
- Built the frontend using Next.js and Tailwind CSS. Develop reusable components (e.g., button, video embed, input) with multi-attribute support to manage component states.
- Implemented native typescript peer-to-peer connection for video conference connection.
- Designed and implemented in session real-time chat through WebSocket.
- Implemented a multi-language web application using Redux Persist combined with a custom hook to manage UI text content. Enabled seamless language switching without page reloads.
- Implemented virtual background creation using MediaPipe Selfie Segmentation.
- Implemented client screen sharing.
- Designed and developed RESTful APIs and WebSocket endpoints using Express.js and TypeScript to manage session control, messaging, and user state.

[Final Project] **Minus Go** – Interactive Learning Platform

Jun 2024 – Mar 2025

[<https://minusgo.app>]

- Designed UI with Figma.
- Implemented video conference using WebRTC.
- Designed and Implemented question form. Users can input question title, description and image using WebSocket combined with RESTful API.
- Created dynamic classroom cards that let instructors define classroom symbols using SVG components and customize themes with gradient backgrounds, improving visual identity.
- Implemented email single-click sign in authentication system using Nodemailer library for sending sign in URL.

## SKILLS

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API integration, UI Design, Reusable components, Minimal frontend animation, Complex react hook, Type-Safe code.

Languages: Thai (Native), English (Conversation)