






Tanuson Deachaboonthana


 +66 0614839393

 tanuson679@gmail.com

 [tanuson-deachaboonthana](https://www.linkedin.com/in/tanuson-deachaboonthana)

 [flagrantii](#)


 [tanuson-page.vercel.app](#)

 Bangkok, Thailand

SUMMARY

"Software Engineer with hands-on experience in full-stack development, specializing in building scalable web applications and e-commerce platforms. Demonstrated success in managing projects handling 5,000+ monthly transactions and building high-performance APIs. Active contributor to technical communities and open-source projects."

EDUCATION

Bachelor of Engineering Program in Computer Engineering
Chulalongkorn University
 August 2023 - September 2027 (Not graduated yet)

Technologies and Languages

Programming Languages	JavaScript, TypeScript, Golang, Java, Python, C++, SQL, Dart
Frameworks / Libraries	Next JS, Nest JS, Gin, React JS, Express JS, React Native, TailwindCSS, Prisma, Dizzle, GORM, Fiber, Flutter, Strapi
Databases	PostgreSQL, MongoDB, Redis, MySQL, Supabase
Tools	Git, Docker, Kubernetes, Android Studio
Cloud and DevOps	AWS, DigitalOcean, Firebase, Vercel, GitHub Actions, GitLab CI

WORK EXPERIENCE

- Full-Stack Developer** Part-Time

Swipe

April 2024 - November 2024

 - Developed and implemented responsive and interactive Progressive Web App (PWA) product based on detailed Figma designs, ensuring functionality across all devices. Developed by Next.js, TypeScript, MUI, and Redux
 - Enhanced project performance through efficient coding practices and performance tuning
 - Designed and implemented APIs services for the main product, enhancing its capabilities and performance.
- Software Developer** Internship

Blockfint

May 2024 - July 2024

 - Traning and Implemented advanced concurrency techniques to boost API speed and strengthen security, resulting in faster response times and safer data handling. Developed by Go, GORM, PostgreSQL, Prometheus
 - Developed the front-end using Next.js, TypeScript, Mantine, and Redux, delivering a user-friendly and efficient carbon credit offset calculator.
 - Designed and developed software modules that improved the user experience for key features of the company's core product, solving critical challenges with innovative solutions.
- Back-end Developer** Part-Time

TechCare

February 2024 - June 2024

 - Designed user and system schemas along with API endpoints to ensure optimal functionality and high performance across the platform.
 - Implementing API fetching mechanisms to facilitate seamless data retrieval and transmission within the platform. By Strapi
 - Maintained and improved APIs through continuous monitoring, updates, and optimizations
 - Architect and optimize the database structure for a delivery application, focusing on scalability, data integrity, and performance.
- Software Engineer / Project Manager** Freelance

Since 2022

 - Designed and developed custom static websites: Created unique, responsive websites from scratch and with CMS tools like WordPress for small businesses and startups. Collaborated with clients to tailor each design, ensuring branding consistency and user-friendly layouts optimized for various devices.
 - Developed full-featured e-commerce platforms: Built e-commerce solutions with core features including homepage design, shopping carts, product pages, order processing, and secure payment gateways. Integrated custom admin dashboards for efficient order and inventory management and file-uploading functionality to support diverse client needs.
 - Built product management service: Developed a robust service to manage store inventory, capable of handling 5,000+ monthly product transactions. Designed advanced features such as product comparison, an interactive dashboard, and an export-to-document function to streamline inventory oversight and reporting.

Extracurricular Activities

Software Engineer

Information System Development, SGCU

June 2024 - Present

- Developed a user selection group feature for an incoming students' website, accommodating up to 3,000 users per day
- Designed and constructed the database model and project structure for CU Council, ensuring a scalable and efficient system
- Lead teammate for develop website 'Chu News' the website source of news about the university or other interesting news.

Core Team

Thinc. (Thailand Incubator)

August 2024 - Present

- Contributed to a student-run community focused on societal impact and the development of real-world professional skills, aiming to incubate future leaders.
- Organized and hosted club activities, events, and workshop sessions for students interested in software development, fostering engagement and learning.
- Supervised multiple projects and engineering teams, ensuring effective collaboration and successful project outcomes.

Core Team

Google Developer Student Club CU

September 2023 - Present

- Contributed to transformative educational projects by leveraging Google's suite of tools to enhance teaching and learning experiences across the university.
- Organized and hosted club activities and sessions for students interested in software development Events include "Python Hunt".
- Utilized Google's educational tools to support and improve various academic initiatives

PROJECTS

Rub Puen Kao Mai 2024

July 2024

freshmen orientation registration website for the Student of Chulalongkorn University, supporting up to 3,000 users per day with a robust distributed system for high scalability.

Shoppo

October 2024

Browser extension that aids purchasing decisions by recommending products and suggesting alternatives; currently supports Shopee, with plans to expand to Amazon for enhanced shopping assistance

CUNEXT EVENT

April 2024

This is a product in HackChula, Comprehensive platform designed to enhance the experience of event discovery, organization, and management within the university community

Massage Reservation

May 2024

Designed for ease and efficiency, Massage Reservation is a user-friendly web app for booking and managing massage appointments

Carbon Credits Marketplace

April 2023

Bridging sustainability and consumerism, Carbon Credit Marketplace enables the trading of carbon credits through clothing purchases.

MineSweeper

March 2024

Minesweeper game using JavaFX, featuring an intuitive user interface. Built as a university project, applying object-oriented programming (OOP) principles throughout.

Sticker Printer

August 2024

E-commerce platform for custom sticker ordering and printing, featuring a homepage, product pages, integrated payment gateway, and an admin dashboard for seamless order and inventory management.

Trip Recommendation

February 2023

Utilizing AI algorithms, Trip Recommendation suggests tailored travel itineraries for Bangkok visitors based on individual preferences and interests