



About Me

TANAPOL BUANGAM

I am a Full-Stack developer with an experience in developing web applications, designing interfaces, managing databases, and machine learning. I am passionate about learning and constantly seeking out new knowledge in my field. In addition to my technical skills, I also possess strong organizational abilities, allowing me to effectively manage my time and prioritize tasks efficiently.

- 63/237 moo1 Boromratchonnee Rd., Bangramad, Talingchan, Bangkok 10170
- (+66)87 612 2159
- Tanapol1123@gmail.com
- Website
- <https://www.linkedin.com/in/tanapol-buangam/>
- <https://github.com/KONGTNP>
- <https://kong-port.vercel.app/>

Education

PROMMANUSORN PHETCHABURI SCHOOL

May 2015 - Apr 2018

High School

Gifted Sciences and Mathematics Program

KASETSART UNIVERSITY

Aug 2018 - May 2023

Bachelor of Engineering

Major Software and Knowledge Engineering

Skills

PROFESSIONAL SKILLS

- TypeScript (NextJS and NestJS)
- Python (Django)
- IoT programming
- IOS Swift
- Machine Learning
- GraphQL, REST API
- MySQL, PostgreSQL
- HTML/CSS
- Figma
- Postman
- Docker
- Digital Ocean
- LINE Messaging API
- Photoshop

PERSONAL SKILLS

- Creative spirit
- Reliable and professional
- Organized
- Time management and Multitasking
- Leader and Team player
- Fast learner
- Motivated

Projects Experience

AT KASETSART UNIVERSITY

Aug 2018 - May 2023

Cryptians Web Application | Python, Django | Nov 2021 - Apr 2022

- Appointed as Project Leader, responsible for overseeing development from inception to completion.
- Focused on relationship between cryptocurrency and machine learning algorithms.
- Monitored progress to ensure completion of tasks within the allotted timeframe.
- Assigned tasks based on team members' skills and expertise.
- Communicated with team members to ensure everyone is on track and understands project objectives and make sure that any potential issues are addressed in a timely manner.

Stock Price Predict Models | Python | Jan - Mar 2022

- Focused on relationship between stock price and machine learning algorithms.
- Analyzed set of stock data from Yahoo finance.
- Studied and understood concept of machine learning algorithms Linear Regression, K Nearest Neighbors, Prophet and Long Term Short Memory.
- Backtest each machine learning algorithms with historical data.

Set-insider Web Application and API | VueJS, Figma | Nov - Dec 2022

- Worked on frontend development including design and develop the user interface, and implementing interactivity using JavaScript.
- Created mockups on Figma for tested and get feedback to improve user experience.
- Communicated and collaborated with the backend team to ensure that both components of the application work together seamlessly.

After Store IOS Application | SwiftUI, Figma | Mar - May 2023

- Worked on both backend and frontend development to create a complete application.
- Learned new programming language (Swift) to create IOS applications.
- Identified problems and created a list of features that can help solve these problems.
- Created mockups on Figma for testing and get feedback to improve user experience.

OP AUTOTECH CO., LTD. | Cooperative

Jul - Dec 2021

6 Months

- **Position:** Full Stack Developer & System Analysis
- **Responsibilities:**
 - Recommended software that meets the organization requirement and, also designed, coded, tested, and deployed software applications.
 - Collaborated with cross-functional to identify and analyze project requirements, and utilized various programming languages and tools to ensure timely and quality software delivery.
 - Applied agile development methodologies, conducted code reviews, and provided technical guidance to other developers while also contributing to the development of project plans and timelines, and monitoring progress.
 - Performed load testing and stress testing to identify performance bottlenecks and optimize the application's performance.
 - Provided support to end-users during software deployment and post-deployment phases to ensure successful project completion and high user satisfaction.
 - Created a user manual document to ensure seamless adoption of the developed software by end-users.
- **Achievements:**
 - Smart Farm IoT | C++, MQTT, Blynk Application
 - Database Management System Web Applications | Django, PostgreSQL, Docker, Locust
 - Barcode Printing Program | Python GUI

Jobs Experience

JONGTO MEDIA CREATION CO., LTD. | Part-Time

Jan - Apr 2022

4 Months

- **Position:** Full Stack Developer
- **Responsibilities:**
 - Worked on both front-end and back-end development, utilized various technologies and programming languages to build responsive and user-friendly web applications that met the needs of clients and end-users.
 - Designed user interface, code, testing, and deployed software applications.
 - Worked closely with the project owner to understand project requirements, identified problems, and implemented effective solutions, ensured project goals were met, within budget and deadlines were achieved.
 - Created a user manual document to ensure seamless adoption of the developed software by end-users.
- **Achievements:**
 - Online Assignment Submission Web Applications | Django, mySQL, Docker

GUNKUL ENGINEERING PUBLIC COMPANY LIMITED | Full-time

Jun 2023 - Feb 2025

1 Year 9 Months

- **Position:** Full Stack Developer
- **Responsibilities:**
 - Responsible for both front-end and back-end development. Not only focused on the user-facing experience, but also developed and maintained back-office systems for sellers and administrators to ensure seamless system integration and efficient workflows across the platform.
 - Collaborated closely with the marketing team to implement new sales-support features such as promotional tools, campaign pages, optimize landing pages, and product bundling.
 - Provided fast and effective resolutions to technical issues reported by customers to ensure a smooth user experience.
 - Participated in sprint planning, code reviews, and cross-functional team discussions to ensure feature quality and alignment with business goals.
 - Proactively tested both front-end and back-end features before production releases, ensuring a smooth and bug-free user experience.
 - Supported the transition of data integration from the legacy Microsoft Dynamics AX database to Dynamics 365 (D365), ensuring smooth data synchronization between the core ERP system and the platform.
 - Designed and implemented new features to support the strategic partnership between Godungfaifaa and SCB, enabling seamless integration for co-branded services and enhancing user trust and financial capabilities on the platform.
 - Developed end-to-end logistics integration with Flash Express, covering pickup scheduling, automated shipping label generation, and live tracking updates for both sellers and customers.
- **Achievements:**
 - GodungFaiFaa Marketplace (www.godungfaifaa.com) | NextJS, NestJS, MUI, GraphQL, RestAPI, PostgreSQL, GCP, Postman

TRERASIT ENGINEERING CONTROL CO., LTD. | Full-time

Feb 2025 - NOW

- **Position:** Full Stack Developer & System Analysis
- **Responsibilities:**
 - Designed, developed, and maintained full-stack web applications supporting e-commerce, warehouse, purchasing, inventory, and internal business operations.
 - Analyzed existing business workflows and transformed manual and Excel-based processes into integrated web-based systems to improve operational efficiency.
 - Integrated internal applications with the company's legacy Express accounting/ERP system, connecting sales, purchasing, warehouse, product, and inventory data.
 - Designed and implemented database structures, APIs, system integrations, and barcode-based inventory workflows, including barcode printing and scanning for warehouse operations.
 - Developed IoT solutions and integrated web platforms with physical devices, including EV chargers, supporting device communication, monitoring, control, and payment workflows.
 - Managed the full development lifecycle, from requirements analysis and system design through development, deployment, troubleshooting, and continuous improvement.
- **Achievements:**
 - TRERASIT E-Commerce Platform (www.trerasit.com) | Next.js, NestJS, GraphQL, MySQL, Docker
 - Warehouse, Purchasing & Inventory Management System | Next.js, NestJS, MySQL, Express ERP Integration, Barcode System
 - TOP AC EV Charging & Payment Platform (www.topacthailand.com) | Next.js, NestJS, IoT, EV Charger Integration
 - Michelin Project – Smart Office IoT | C++