



# NATTAWAT RATTANALANGKARN

Project Manager / Business Analyst / Senior Engineer

## Skills

- Business Development
- Project Management (Waterfall & Agile)
- Project Financial Modeling
- Reports preparation
- Negotiations & Presentations
- Problem-Solving & Risk Management
- Engineering Design
- Machine Learning & Predictive Modeling

Portfolio: <https://nattawat-r.github.io/Nattawat-Portfolio.github.io/>

- **Engineering Solutions:** Applied engineering principles to design innovative solutions
- **Data Analysis:** Using SQL to analyze fitness tracker insights and identify key trends to optimize user experience with a presentation

## Experience

### ○ Business Analyst & Project Manager Jun. 2023 - Present

VUCA Digital Co.,LTD. (Bangkok,Thailand)

- **Spearheaded Market Research (Web3, NFTs & crypto) for Competitive Analysis:** Led a team of 3 analysts to conduct in-depth market research using Python to extract, and analyze on-chain data, along with Google Analytics to identify key trends, developed incentives like rewards programs, **increased user engagement by 600%**.
- **Project Financial Model Development:** Co-developed and calculated financial models for projections, and feasibility studies to inform service pricing strategy.
- **Managed Project Lifecycles (initiation, planning, execution, completion):** Utilizing analyzed insights to develop project requirements and progress tracking with a manhour allocation **resulting in a 33% reduction in the feature development lead time**.
- **Business Development and Partnerships:** Find collaboration opportunities, onboard new partners through targeted pitches, and prepare tailored presentation decks to foster our ecosystem **resulting in a user community expanded by more than 200%**.

### ○ Project Manager / Team Leader Jul. 2020 - Dec. 2022

Toyota Daihatsu Engineering & Manufacturing (Samut Prakan,Thailand)

- **Led a team of 4 engineers in managing 3 global vehicles and reported summarized findings to top management** for vehicle exterior parts development and claims.
- **Effectively communicating expectations, scopes, and schedules** to stakeholders across various teams, **resulting in zero issues even with unconventional concepts**.
- **Developed innovative cost-effective solutions**, such as the first-ever steel-plastic rear bumper, **resulting in cost savings of over 52%** compared to conventional ways.
- **Leveraged Agile methodology**, streamlining task dependencies and adapting to change management, **resulting in a 25% reduction in the development lead time**.
- **Identified risks and devised contingency plans** to achieve the shortened lead time by conducting advanced studies **to guarantee a 100% pass rate before the testing period**.
- **Analyzed over 1,000 global customer claim cases** to identify root causes, and develop targeted solutions, **resulting in a 17% improvement in customer satisfaction rate**.
- **Utilized problem-solving skills to resolve claim issues**, such as developing an unorthodox lamp structure change, and **achieved a part cost increase of only 1%**.

### ○ Senior Engineer Jul. 2019 - Jun. 2020

Toyota Motor Corporation (Aichi, Japan)

- **Developed comprehensive engineering requirements**, summarizing technical specifications and facilitating clear communicating with stakeholders.
- Demonstrated attention to detail by **creating high-quality engineering design drawings and plans for industry standards and seamless integration into production lines**.
- Prepared presentation decks to **reports project direction to the management team**.
- **Mentored junior engineers**, contributing to a more skilled and efficient team.

### ○ Design Engineer Jun. 2016 - Jun. 2019

Toyota Daihatsu Engineering & Manufacturing (Samut Prakan,Thailand)

- **Collaborated within a team** to design vehicle exterior parts, considering requirements such as regulations, engineering feasibilities, and customer needs.
- **Assisted in drafting document detailing design requirements and specifications**.

## Contact

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## Education

**Bachelor of Mechanical Eng.**  
**Kasetsart University,**  
Bangkok, Thailand  
2012-2016

- Designed service robot for Robocup Japan Open 2014 (**teamwork, problem-solving**).
- Contributed to AUV design for RoboSub 2014 (**cross-functional collaboration**).
- Participated in SAE Japan 2015 race car design (**project management, teamwork**).
- Led senior project on medical stand-up device (**leadership, innovation**).

## Professional Certifications

(6-month programs)

- [Advanced Data Analytics](#)
- [Data Analytics](#)
- [Project Management](#)

## Certifications

- [Financial Markets](#)
- [Strategy and Sustain](#)
- [AI for Everyone](#)

## Language

- Thai (Native speaker)
- English (TOEIC : 775)
- Japanese (Level: N3)