

NATTAWAT
RATTANALANGKARN
PROJECT MANAGER

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SUMMARY

8+ years of experience in engineering and analysis, applying project management principles to drive successful outcomes. Demonstrated expertise in managing complex, global projects, mitigating risks, and optimizing timelines. Eager to contribute these skills and a passion for renewable energy to impactful wind power projects.

EXPERIENCE

- Project Manager & Business Analyst

Jun. 2023 - Present

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

- Initiated projects that drove business growth:** Drove a 600% increase in user engagement through a rewards program informed by in-depth research and platform enhancements.
 - Developed project financial models for strategic insights:** Contributed to strategic decisions by performing scenario projections and feasibility studies, informing user onboarding cost per head targets.
 - Executed and optimized development timelines:** Reduced lead time by 33% by implementing a progress tracking system with resource allocation, and utilized market insights to define concise requirements.
 - Drove business development to expand market reach:** Expanded community by more than 200% by identifying, negotiating, and securing strategic partnerships through targeted pitches and presentations
- Project Manager / Team Leader

Jul. 2020 – Dec. 2022

Toyota Daihatsu Engineering & Manufacturing Ltd. (Samut Prakan,Thailand)

- Led 3 global vehicles exterior development:** Achieved all project targets by managing requirements and stakeholders across the EU, South Africa, Argentina, and Asia, and by presenting reports to top management.
 - Developed and implemented a cost-effective solution:** Reduced costs by over 8 million THB (52%) by minimizing new production processes through a new part structure design.
 - Optimized development timelines:** Reduced lead time by 25% by implementing Agile methods to optimize task dependencies and adapt to changing requirements.
 - Identified and mitigated project risks:** Ensured a 100% first-test pass rate for all parts by proactively identifying potential risks and developing contingency plans, contributing to the shortened lead time.
- Senior Engineer

Jul. 2019 – Jun. 2020

Toyota Motor Corporation (Aichi, Japan)

- Led the analysis and resolution of customer claims:** Improved customer satisfaction by 17% by prioritizing problems, investigating root causes, and developing targeted solutions for thousands of claims globally.
 - Developed cost-effective solutions for recurring customer issues:** Limited part cost increases to 1% by modifying the production lamp structure, challenging standard production boundaries.
 - Managed vehicle exterior development projects, ensuring on-time execution of 2 projects.**
 - Mentored 4 junior engineers, enabling them to complete projects within established timelines.**
- Design Engineer

Jun. 2016 – Jun. 2019

Toyota Daihatsu Engineering & Manufacturing Ltd. (Samut Prakan,Thailand)

- Developed engineering documentation for vehicle exterior development, including design specifications.
 - Collaborated with stakeholders to define project scope, and timelines, contributing to effective planning.

SKILLS

- Project Management:** Project Lifecycle, Timeline Optimization, Scope Management, Resource Allocation
- Risk Management:** Risk Identification & Assessment, Risk Mitigation & Contingency Planning
- Stakeholder Management:** Cross-functional Collaboration, Executive Communication, Vendor Management
- Leadership:** Team Leadership, Team Building & Mentoring, Delegation, Conflict Resolution, Decision-Making
- Data Analysis:** Market Research & Analysis, Financial Modeling, Data Interpretation, SQL, R, Python
- Business Development:** Market Analysis, Sales Strategy, Partnership Development, Relationship Management

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EDUCATION

Bachelor of Mechanical Engineering

Jul. 2012 – Jun. 2016

Kasetsart University, Bangkok, Thailand

- Developed robots for RoboCup Open and RoboSub 2014, contributing to project execution and planning.
- Contributed to vehicle design for SAE 2015, applying problem-solving skills to meet design specifications.
- Led the development of a stand-up assisted device, managing project scope, timelines, and team coordination.

CERTIFICATES (6-month programs)

- [Google Project Management Professional Certificate](#): Proficient in project documentation, Agile (Scrum) methodologies, and stakeholder management.
- [Google Advanced Data Analytics Professional Certificate](#): Skilled in building, training, and evaluating regression and machine learning models for data analysis and insight generation.
- [Google Data Analytics Professional Certificate](#): Proficient in data cleaning, organization, analysis, and visualization using spreadsheets, SQL, and R.

LANGUAGE

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

PORTFOLIO

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

- **Climate Change & Energy Transition Research:** Conducted preliminary research on key emissions contributing to climate change and explored wind power's potential within global energy transition strategies, demonstrating an understanding of the challenges and opportunities in this field.
- **Engineering Design & Optimization Projects:** Developed and implemented engineering solutions for design and optimization challenges in academic and automotive contexts.
- **Fitness Tracker Data Analysis Project (SQL):** Analyzed fitness tracker data using SQL, managing all stages of data processing and analysis, from cleaning and manipulation to visualization, to generate insights for a proposed business expansion campaign.