

Parinya Tosuwan

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Career objective

As a skilled engineer with a passion for problem-solving and a keen analytical mindset, I am seeking to transition my career into the dynamic field of Developer. Inspired by the transformative potential of data-driven insights, my objective is to leverage my technical acumen and engineering background to extract meaningful patterns, drive informed decision-making, and contribute to organizational growth. I am eager to apply my quantitative skills, attention to detail, and proficiency in data manipulation to uncover actionable insights that drive business success.

Education and Qualifications

BEng : Electrical Engineering, King Mongkut's Institute of Technology Ladkrabang, Thailand (2nd class honor)

High School : Major: Science & Mathematics Benchamatheputhit Phetchaburi, Thailand,

Work Experience

2023 – present

Data Analyst Engineering at Siam Yamato Steel

Responsibility:

- Collaborate with Project team to study new renewable energy projects to reduce electrical cost and decarbonization in manufacturing by support and verify informative data for feasibility study in any project.
- Developed automation task: Develop Daily energy consumption data scraping from various external and internal sources that reducing manual effort by 14 hours per week. Develop Tracking maintenance spare part system to monitor risk of shortages in each area in manufacturing to reduce shutdown from stock shortage.
- Collaborated cross-functionally various project to reduce product defect & increase production yield by Analyze machine behavior and operation using Machine Learning model.
- Implement ERP system in Maintenance department, start from define concept initiation, planning, execution and Handover to relevant team target to reduce paperwork in department and improve organization digital transformation.

2021 – 2022

Engineer at Growatt

Responsibility:

- Control, Plan and carry out testing EV charger in Thailand both onsite and online to inspect both EV charger and could server behavior. collaborate with server team and Chinese engineer team to configure to match customer requirement.
- Close almost 20M THB deal with GWM in EV charger business by support actionable information in technical term to sales team to negotiate with customer.

2020 - 2021

Internship & Research assistant at King Mongkut's Institute of Technology Ladkrabang

Responsibility:

- Research and design on Smart Demand Responds functions for PEA VOLTA solutions project by collecting electric consumption data from PEA server and create pattern recognition model to predict consumption behavior and send command to Ev charger to reduce power supply to car.
- Planning & carry on perform tests to measure motor and battery performance then create dynamic visualization like contour graph to see product efficiency in each speed and torque region in MATHLAB.

SKILLS & COMPETENCIES

- Presentation & Visualization Tools
- SQL Database
- Microsoft Excel, google sheet.
- Math, Statistic
- Python

PERSONAL SKILLS

- Various generation team collaboration
- Critical thinking
- Self-development
- Communication (Private tutor & Class Tutor)
- Data -Driven Decision Making