

Pawarit Thareechan

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Data Scientist | Machine Learning Engineer

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EXPERIENCE

Avalant Co. Ltd. <i>Data Scientist</i>	Apr 2023 – Present 2 year 1 month
<ul style="list-style-type: none">Built deep learning models for failure prediction in wind turbines using time-series data.Implemented a scalable data lakehouse pipeline with Apache Spark, Apache Iceberg, Superset, Min.io, and Apache Airflow.Developed Python tools to support employee performance and feedback analytics.	
Looloo Technology <i>Machine Learning Engineer</i>	Aug 2021 – Mar 2023 1 year 8 months
<ul style="list-style-type: none">Built ML solutions for car finance pricing, symptom classification, and speech-to-animation generation.Used TensorFlow, EfficientNet, OpenCV, and scikit-learn to deliver models for image, text, and audio domains.Applied spaCy and clustering techniques to extract healthcare-related patterns from unstructured text.	
iCONEXT Co., Ltd. <i>Software Engineer (Internship)</i>	Apr 2018 – Jul 2018 4 months
<ul style="list-style-type: none">Created a chatbot in C# to automate meeting room booking via Line messaging.Developed a sales reporting system to automate weekly database reports and streamline analysis.	

ACCOMPLISHMENTS

Health Data Science Hackathon by BDMS – Winner, THB 10,000 prize Built a healthcare prediction model and visualized insights to support diagnosis and resource planning	2021
Teaching Assistant – Computer Engineering Assisted in undergraduate courses: Data Structures and Algorithms, Machine Learning	2021
Senior Project – Variable Selection via AUC Optimization Built a feature selection method to improve classification performance	2019
Cyber Security Challenge by KPMG – Participant Competed in real-world cybersecurity scenarios	2018

EDUCATION

Bachelor of Engineering in Computer Engineering <i>King Mongkut's University of Technology North Bangkok (KMUTNB)</i>	Aug 2015 – Apr 2019 3 years 8 months
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TECHNICAL SKILLS

Programming:	Python, SQL, C#, Shell, JavaScript
Domains:	Supervised & Unsupervised Learning, Deep Learning, NLP, Computer Vision, Predictive Modeling, Data Pipelines, Data Lakehouse, ETL, Workflow Orchestration, Data Visualization, Web Hosting, Server Management, Remote Access
DevOps & Infrastructure:	Docker, Git, CI/CD, GitHub Actions, Server Configuration, Remote Deployment
Tools & Platforms:	TensorFlow, scikit-learn, Apache Spark, Apache Airflow, Apache Superset, Apache Iceberg, Pandas, NumPy, OpenCV, Min.io, Jupyter Notebook, VS Code