Pawarit Thareechan

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Data Scientist | Machine Learning Engineer

EXPERIENCE

Avalant Co. Ltd.
Data Scientist

Apr 2023 – Present
1 year 1 month

- 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
Machine Learning Engineer

Aug 2021 – Mar 2023
1 year 8 months

- 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.
Software Engineer (Internship)

Apr 2018 – Jul 2018
4 months

- 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
2021
Built a healthcare prediction model and visualized insights to support diagnosis and resource planning

Teaching Assistant – Computer Engineering
2021
Assisted in undergraduate courses: Data Structures and Algorithms, Machine Learning

Senior Project – Variable Selection via AUC Optimization
2019
Built a feature selection method to improve classification performance

Cyber Security Challenge by KPMG – Participant
2018
Competed in real-world cybersecurity scenarios

EDUCATION

Bachelor of Engineering in Computer Engineering
King Mongkut's University of Technology North Bangkok (KMUTNB)

Aug 2015 – Apr 2019
3 years 8 months

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