

RATTIPONG SAKUNJEEN

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🔗 RattipongMark

PortfolioWebsite

EDUCATION

Bachelor of Engineering Program in Computer Engineering

King Monkut's University of Technology Thonburi (KMUTT) GPAX: 3.47

August 2022 - Now

SKILLS

Programming Language : C, Python, php, Java, JavaScript, Go, SQL **Databases:** MySQL, Oracle XE, MongoDB

Framework: React, Tailwind CSS, Bootstrap, Express.js, Node.js **Tools:** Postman, Git, Github, Figma, Docker

Soft Skills: Communication, Teamwork, Problem-Solving, Design Thinking, Agile/Scrum

PROJECTS EXPERIENCE

Rabai - University Communication Platform (2024)

Developed a communication platform for university students with features such as discussion boards, anonymous chat rooms, and event management. Designed and implemented the system using React, Node.js, and Express. Utilized UML and DFD for system planning and architecture. Managed sprint-based development using Scrum methodology, gaining key skills in software engineering practices including system design, agile development, and full-stack development.

Skills: React, Node.js, Express, UML, DFD, Scrum, Software Engineering, System Design, Agile Development

Cat vs Dog Classifier - Deep Convolutional Neural Networks (2024)

Developed a deep CNN model using Keras and TensorFlow to classify images as cats or dogs. Achieved 93% accuracy on test data through data augmentation, dropout, batch normalization, and optimization techniques. Utilized a dataset of 25,000 images, achieving high precision and recall for both classes.

Skills: Deep Learning, CNN, Data Augmentation, Batch Normalization

SUNKUB - Online Stock Trading Web Application (2024)

Focused on comprehensive database system design, encompassing all stages from initial database structure to data querying. Experienced in website development using Laravel Framework and MySQL. Working as a Fullstack Developer, specializing in back-end development, including complex data querying and function creation.

Skills: Database Design, Laravel, MySQL, Full-stack Development

Visualization and Modeling of E-commerce Customer Churn (2024)

Focused on exploratory data analysis (EDA), visualization, and modeling using an e-commerce customer churn dataset, developing predictive models with four methods: Decision Tree, Logistic Regression, K-Neighbors Classifier, and Random Forest Classifier.

Skills: Data Analysis, EDA, Machine Learning, Decision Tree, Logistic Regression, K-Neighbors, Random Forest

EXTRACURRICULAR ACTIVITIES

Summer School on Quantum Computing (2024)

A short-term program providing knowledge on the fundamentals and technologies of quantum computing.

Innovation for KMUTT Sustainability (2023)

Contributed ideas to a university innovation contest by developing a platform that recommends meals and calculates the daily nutrients required for the body.