



Papinwit Simawan • ปภินวิทย์ สิมาวัน

Recent graduate in Information Technology from the College of Computing, passionate about software development and system design. Seeking roles as a Software Engineer, Full-stack Developer, or Data Science & ML Engineer, with a primary focus on software development.

Experience

Teacher Assistant

Course Title & Technologies

- Basics of Data Engineering. | Python
- Web Application Programming. | PHP, Laravel, HTML, CSS, JS
- Data Serialization Languages and Applications. | Node.js, Express.js, MongoDB
- Database Analysis and Design. | SQL, NoSQL

Cooperative Education (Internship) at Seagate Technology (Thailand) Limited

Dec 2024 - Mar 2025, Internship as Full Stack Developer & Data Scientist
Project: Product Performance RCA Tool (Root Cause Analysis)
Tech: Django, Python libraries, Machine Learning

Projects

Product Performance RCA Tool (Root Cause Analysis)

Cooperative Education Project for Bachelor's degree program.
Developed a web app to support engineers in Root Cause Analysis (RCA).

- Sole developer handling full-stack implementation
- Enabled CSV upload, data cleaning, statistical analysis
- Visualized results with Pareto charts
- Applied ML models (Logistic Regression, XGBoost, Random Forest) to identify quality factors
- Supported export to CSV, Excel, PowerPoint

Tech : Django & Python libraries, HTML, CSS, JS, Bootstrap

Dental Online Learning

Final Year Project for Bachelor's degree program.
Developed a web application for the Faculty of Dentistry, Khon Kaen University, tailored for online teaching.

- Supported lesson content, news, and media sharing for instructors and students
- Implemented key features: quiz system, assignment system, and lesson content management
- Enabled instructors to manage student data and view learning statistics

Tech: Express.js (Node.js), HTML, CSS, JS, Bootstrap

Education

Khon Kaen University, College of Computing

Bachelor of Science Program in Information Technology
2021 - 2025
GPA : 3.63

Skills

Software Development

- Node.js (Express.js)
- Java (Spring Boot)
- PHP (Laravel)
- Python (Django)
- Front-end - HTML, CSS, JavaScript, Bootstrap
- Database - MySQL, MongoDB
- Cloud - AWS
- Version Control - Git (GitHub)

Data Science

- Python (NumPy, Pandas, Polars, Plotly, Scikit-learn)
- Data Processing (Cleaning, Transformation, visualization)
- Machine Learning (XGBoost, Logistic Regression, Random Forest)
- Model Evaluation & Tuning

Contacts

Tel : +66 94 517 2149 | Email : papinwit.s@kkumail.com | LinkedIn : www.linkedin.com/in/papinwit-simawan-5a37b5300