

# Titipa Eamsiriwong



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## SUMMARY

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First-Class IT graduate with a focus in Software Engineering, skilled in developing data-driven solutions. Experienced in full-stack development, data science, and machine learning, with a teaching background. Over 4 years of coding experience, starting from high school participation in the POSN Computer Olympiad Camp 2.

## EDUCATION

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King Mongkut's Institute of Technology Ladkrabang (KMITL) | CGPA: 3.54 (First Class Honors)

2021 – 2025

*Bachelor of Science Program in Information Technology, Software Engineering Subject Area*

## EXPERIENCES

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### Software Engineer Cooperative Education

Jun – Oct 2024

*MFG New Business Department, Toyota Motor Thailand Co., Ltd. (TMT)*

*Samrong, Samut Prakan*

- Developed machine learning-based predictive maintenance system using Python, scikit-learn, and Flask
- Built and deployed web application prototype in real manufacturing environment, achieving 97.92% accuracy

### Teaching Assistant

Dec 2024 – Oct 2025

- Generative AI in Practice Training – *TMBThanachart Bank (TTB)*
- Data Analytics Techniques and Visualization – *Thailand Digital Government Academy (TDGA)*
- Big Data System – *3rd year Information Technology, Data Science and Business Analytics, KMITL*
- Data Structures and Algorithms – *1st year Financial Engineering, International Program, KMITL*

## ACADEMIC PROJECTS

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### Webteen – Digital Comic Platform

🌐 t0ngk/webteen-frontend | PR-800/UserService

*Service-Oriented Programming Subject, Front-End Lead & Back-End Contributor*

- Led front-end development and designed an analytics dashboard for writers using Svelte
- Built user account services and RESTful APIs with Java Spring Boot and MongoDB for role-based access control

### ChickyChic – Food Delivery Web Application

🌐 PR-800/ChickyChic

*Web Technology Subject, Project Lead & Developer*

- Led project planning and designed system architecture for e-commerce platform
- Developed application with PHP and SQLite3, implementing BLOB storage for images

## SKILLS

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**Programming** : Python, HTML, CSS, JavaScript, C/C++, Java, PHP, SQL, RESTful API

**Frameworks** : React, Node.js, Express.js, Vue.js, Svelte, Bootstrap, Tailwind, Flask

**Tools & Other** : Git/GitHub, VS Code, Postman, Figma, Machine Learning, Data Analysis & Visualization

**Fluency** : Thai (Native), English (TOEIC 840)