

MRS. THANYAPORN MUSIKPODOK

SOFTWARE ENGINEER

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Sep 15, 2003

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<https://github.com/TypM25?tab=repositories>

Computer Engineering student with hands-on experience in full-stack web development and IoT projects. Proficient in React, Next.js, Node.js, and PostgreSQL. Motivated to apply problem-solving skills and continuously grow as a full-stack developer.

EDUCATION

Computer Engineering | 2022-2025 [Naresuan University](#)

I learned basic programming in Python, Java, C, C++, and C#. Improved logical thinking, problem-solving, and teamwork through projects like games, GUI apps, and web dashboards — applying both technical and soft skills in real situations.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, C, C++, C#

Frameworks & Libraries: React, Next.js, Node.js (Express.js),

Sequelize ORM, MUI, TailwindCSS, Bootstrap

Database: PostgreSQL

DevOps & Tools: Git, Docker, Postman, Figma

Others: Electron.js, Arduino

LANGUAGES

- Thai
- English

SOFT SKILLS

- Teamwork & Collaboration
- Problem-Solving & Critical Thinking
- Time Management
- Fast Learner / Adaptability

EXPERIENCE

- **NU Robot Club** – Organized Science Fair, mentored juniors in robotics demonstrations.

PROJECTS

University Simulation Website

- Developed a website with 3 roles: Student, Teacher, Admin. Functions include: login, register, user management, semester management, class register, grading, GPA, teacher evaluation, teacher rating, image upload, and chat system. Also learned Docker and tested server on Ubuntu.

Iron QC App (Electron.js)

- Created an Electron-based app integrated with Arduino to test electric irons against set limits of temperature, current, and time. Automated thermostat cutoff and displayed pass/fail analytics.

QC Dashbaord

- Built a dashboard for an electric-iron factory to visualize overall quality control data by model, serial number, and test date. Included filters for analysis and performance trends.

Bank Dashboard Website

- Built a web dashboard that shows deposit data of each user. Users can use filters to search and check information.

Iron Temperature Standard App (C#, WPF)

- Developed a desktop app connected to Arduino sensors for measuring electric iron temperature and current. Logged measurement data into PostgreSQL for analysis.