Tammarat Chansamorn
SOFTWARE ENGINEER (Front-End)

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SOFTWARE DEVELOPER & SOFTWARE ENGINEER (FRONT-END)

   A Computer Science graduate seeking a position in software development, with expertise in both frontend and backend development, or full-stack roles. Possesses experience in web development using React and .NET, with a solid understanding of Agile methodologies, and hands-on experience in writing unit tests and UI tests.

KEY COMPETENCIES

Computer language : JavaScript, TypeScript, HTML/CSS, SQL.

Libraries and frameworks : React, NextJs, vite, Redux, context, Hook, Tailwind, vitetest, cypress.

Tools and Other : VSCode, Rider, docker, gitKraken, Git, Postman, Postgres.

EDUCATION & CERTIFICATIONS

Kasetsart University
Computer Science (Second-class honors)
June 2018 – April 2022

PROJECT

Duckling Learning E-learning (Senier project)

- Develop websites with javaScript and php.
- Design systems, databases, uxui designs and build projects from start to finish.

- Project about Teaching how to code in C language The content and pictures are taught and after each lesson is completed. You can take tests and play games to collect points.
- When you complete all lessons you will receive a certificate. The seriral number on the certificate can be searched on the website.
- There is a back-office system for admins to add new lessons, exams, and games. They can also send emails to users.

WORK EXPERIENCE

Axons Corporate (CPF-IT)   **Apr 2022 – present**
Software Developer Front-end (Full-Time)

stack : ReactJs, TypeScript, Redux, Context, Hook&Form, Tailwind, vite, unit-test, cypress

I have been assigned responsibility for three projects: maintenance, packhouse, and monitoring. My responsibilities include

- Responsible for writing the website according to the design received. and provide guidance to the Design team to create a complete and feasible UI.
- Develop frontend websites using React framework and use Redux to store Context data for managing component data.
- Design and manage project struture using MVVM principles to separate UI and logic.
- Wrote unit tests to test various logic functions and wrote Cypress to test the correctness of the UI.
- Develop a RESTful api with .net c# in the backend. CRUD to send to the frontend by postgres as a database.
- Receive consume data from other servers using Kafka as an intermediary to filter the received data before storing it in the database.
- Use Agile working principles to plan work with the development team for each sprint so that the work is systematic, problems can be seen and can be resolved quickly.
- Code Review Junior is there to advise on better ways and is waiting to make suggestions. Both about writing code or using various libraries and sharing additional knowledge.
- Projects about reporting repairs to machinery and equipment, managing fruit and vegetable packing factories, reporting vehicles entering and leaving the factory and products.

PROJECT AT

Axons Corporate (CPF-IT)

- **Packhouse Project**
  This project involves a management system for vegetable and fruit processing facilities, including small-scale seed operations. It covers all processes from receiving, planning, production, stock management, quality control, to distribution, enhancing product efficiency, reducing costs, saving time, and maximizing factory benefits through modern, safe, and transparent technology that allows traceability in all production processes.
  My responsibilities in this project include:
  - Developing the login system
  - Implementing SMS-based membership registration
  - Maintaining the project management system, including factory management, member management, and program management
  - Creating systems for registering factories and farmers
  - Managing export/import documentation
  - Designing dashboards to display various metrics
  - Developing internal data tables

- **Maintenance Project**
  The Maintenance project provides machinery repair services, featuring repair notifications and alerts to technicians to ensure timely maintenance.
  The system is divided into key components: Maintenance, PM, Lotus, and CPF. My responsibilities include managing all maintenance data within the project through forms and tables, such as:
  - **Maintenance**: Managing factory, member, program, machinery, and spare parts information, including reports and document handling (export/import).
  - **PM** (Preventive Maintenance): Overseeing machinery maintenance notifications and registration, with a calendar showing required maintenance dates for machinery and spare parts. Responsibilities include:
    - Machinery registration pages
    - Calendar displaying maintenance events (daily, weekly, monthly, annually)
    - Maintenance reports
    - Dashboard summarizing maintenance activities and estimating spare part costs
  - **Lotus**: A system for registering and notifying about machinery spare part repairs, as well as procurement requests. Responsibilities include:
    - Machinery registration pages
    - Spare parts registration pages
    - Request forms for procurement from both internal and external sources
    - A system displaying detailed machinery and spare parts tables
    - Cost calculation results for procurement requests
    - Import/export documentation handling
    - Dashboard summarizing costs and repair notifications
    - Tracking system for maintenance requests
  - **CPF** (Cost Per Frame): An internal system for requesting and procuring spare parts for factory machinery maintenance, along with accuracy measurement tools. Responsibilities include:
    - Registration pages for machinery and measuring equipment to meet factory standards
    - Spare parts request forms
    - Detailed tracking of procurement requests
    - Machinery registration pages with scheduling for equipment maintenance
    - A calendar for scheduled maintenance checks