# TORLAP RITCHAI

Software Engineering

## PROFILE INFO

This Software Engineering student from Burapha University specializes in full-stack development using React, Tailwind CSS, Node.js (Express), TypeScript, and Laravel. They have experience working with companies such as NECTEC and MyOrder, and are familiar with Prisma ORM, Docker, and Google Cloud APIs. They are enthusiastic team members, fast learners, possess strong problem-solving skills, and are committed to writing clean code across all environments.

## EXPERIENCE

### 2025 - PRESENT
**Cultura**

Community Enterprise Tourism Management System (NECTEC)

**Full-Stack Developer**

- Developed a high-performance UI using React and Tailwind CSS, leveraging responsive design to ensure a seamless experience for diverse users on any device.
- Built a scalable backend with Express.js and TypeScript, utilizing strict type-safety to eliminate runtime errors and simplify maintenance for complex logic.
- Integrated Prisma to streamline database interactions and schema management, significantly increasing development speed and data security .
- Employed Docker for containerization to ensure environment parity, preventing "it works on my machine" issues during collaborative development and deployment.

### 2025
**My Location**

Business Branch Location Analysis System (MyOrder)

**Full-Stack Developer**

- Developed a data-driven Full-Stack web application using PHP (Laravel) and MySQL to assist in strategic decision-making for branch expansion.
- Designed a modern and responsive user interface using Tailwind CSS, integrating Google Sign-In, Google Maps API to visualize spatial data and provide location-based insights.
- Implemented advanced data visualization features, integrating GPS coordinates and sales data into interactive maps and analytical charts.
- Demonstrated high adaptability as a fast learner by rapidly mastering and applying new technologies to solve critical technical challenges throughout the project.

### 2025
**Torslate – Desktop Screen Translator (Mini Project)**

- Developed a real-time screen translator using AI-driven OCR for instant text detection.
- Integrated Google Cloud Vision and Translation APIs to process high-accuracy translations.
- Implemented a custom hotkey system and a resizable floating overlay for a seamless UI/UX.
- Managed Cloud project configurations and secure authentication via Google Cloud CLI.

## EDUCATION

2023 - PRESENT | Burapha University

**Bachelor of Science**

Software Engineering

GPX: 3.62

## SKILLS

- **Languages**
  - TypeScript
  - Java
  - Python
  - JavaScript
  - PHP
  - SQL
  - HTML/CSS
- **Frontend**
  - React
  - Tailwind CSS
- **Professional Skills**
  - Teamwork & Collaboration
  - Effective Communication
  - Agile Methodology
  - Technical Mentoring
- **Backend**
  - Node.js (Express)
  - Laravel
  - Prisma
- **Tools & DevOps**
  - Git
  - Docker
  - Figma
- **Fundamentals**
  - Data Structures
  - Algorithms
  - OOP

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