

Renuka Phoubol

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Professional Summary

IT Developer with strong hands-on experience in building web applications and internal tools using **React**, **Next.js**, **TypeScript**, and **JavaScript**. Skilled in integrating business logic with clean UI/UX, handling legacy data migration, and automating workflows. Currently expanding into **Low-code platforms** such as **Power Platform** and **Google Workspace** to create integrated business solutions and improve operational efficiency.

Work Experience

AAPICO ITS Co., Ltd

IT Developer | Sep 2024 – Present

- Asset Tracking System
 - Took over mobile development, which previously only had an APK version
 - Redesigned the mobile UI using **Flutter** to be more modern and user-friendly
 - Extended support to both Android and iOS, and deployed to respective app stores
- Leasing System
 - Maintained and enhanced an existing web application to meet client needs
 - Handled data migration from legacy systems into the new platform
 - Wrote **unit tests (Jest)** and **end-to-end tests (Playwright)** to ensure reliability and prevent bugs
 - Integrated tests into the **CI/CD pipeline (GitLab)** to automate quality checks and improve development flow
- Cashflow Management System
 - Built a web interface using **React** and **MUI (Material UI)**, focusing on usability for finance teams.
 - Key features : dynamic Excel import with editable tables, automated reporting , exportable monthly summaries.
- AITs Official Website
 - Rebuilt and improved the UI using **Next.js** and **Tailwind CSS**
 - Added animations and interactive transitions with **Framer Motion** and **GSAP** to improve user experience
 - Focused on fast loading, mobile responsiveness, and smooth user experience
 - Completed and handed off the project to the next developer for future updates
- Additional Technical Contributions
 - **GIS Plugin** : Converted polygon data to point data with selected fields.
 - **NX Usage Script** : Analyzed license usage patterns to aid procurement.
 - **Power BI Dashboard** : Created internal data visualizations for decision-making.

GIS Analyst (Acting as Developer) | Feb 2024 – Aug 2024

- Asset Tracking System
 - Took ownership of the project and led web application enhancements
 - Redesigned dashboard for clearer asset insights
 - Added features and report templates for tracking and management
 - Improved architecture for asset type and location settings
- Leasing System

- Designed cloud database architecture using **Appwrite**
- Built full UI and components using **Ant Design** to ensure a clean and consistent layout
- Developed key features with **Refine**, **React** and **TypeScript** : dashboard, PDF documents, and Excel reports
- Maintained and optimized system performance and stability
- **Additional Technical Contributions**
 - **Data Prep Tool (Python)** : Created a small GUI app using **Tkinter** to automate Excel file matching, similar to VLOOKUP.

GIS Analyst | Oct 2023 - Jan 2024

- Processed and corrected raw GIS data collected by survey teams
- Performed final quality control (QC) to ensure accuracy and compliance with client specifications before delivery

Education

- **Bachelor's Degree in Geography**, Silpakorn University, 2022
- **Science-Mathematics Program**, Princess Chulabhorn's College Phitsanulok, 2018

Technical Skills

- **Languages**: JavaScript, TypeScript, Python, Dart
- **Frontend**: React.js, Next.js, Refine
- **Mobile**: Flutter
- **Backend & DB**: Node.js, Express.js, Appwrite, Supabase
- **Testing**: Playwright (E2E/UI Testing), Jest (Unit/Functional Testing)
- **Tools & Platforms**: GitLab, GitHub, Figma, Tkinter, Power Platform, GIS Tools

Soft Skills

- Requirement gathering & communication
- Problem-solving & debugging
- Team collaboration
- Adaptability & fast learning
- Attention to detail