



KLIAWPAN KEDSANCHAI

Web Developer & Web Master

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WORK EXPERIENCE

OWNDAYS (THAILAND) CO., LTD. | WEB DEVELOPER | Web Master September 2023 - present

- Designed and developed a gamified e-learning quiz using Vanilla JS, HTML5, and CSS3, featuring a smooth requestAnimationFrame game loop and postMessage API for real-time result submission.
- Developed skill assessment platform with live scoring, digital signature integration, and client-side PDF report generation, enhancing the efficiency of training evaluations.
- Created an interactive sales simulation game with Phaser 3, enabling employees to practice decision-making through engaging, scenario-based gameplay.
- Developed a full-stack inspection system featuring a Vanilla JS front-end with SortableJS-based form builder and pdf-lib for PDF generation, and a Cloudflare Workers backend handling API endpoints, authentication, and R2/D1 storage.
- Analyzed and optimized website performance and user engagement metrics

ROYALIRRIGATIONDEPARTMENT BANGKOK | WEB DEVELOPER February 2019 - August 2023

- Developed web applications using React.js, with responsibilities spanning UX/UI design, Front-End development (HTML, CSS), and data integration via API (Fetch API).
- Developed Back-End scripts using Python (and PHP) for API integration and data management in MySQL and SQL Server databases.
- Conducted User Acceptance Tests (UAT) to assess usability and validate system functionality prior to launch.

EDUCATION

- Bachelor of Science in Information and Communication Technology, Khon Kaen University

SKILLS

- **Front-End:** Vue.js, React.js, HTML5, Javascript, CSS3, Phaser 3, Vanilla JS
- **Back-End:** Cloudflare Workers, Firebase, Python, PHP
- **Databases & Storage:** Cloudflare D1, Cloudflare R2, MySQL, SQL Server, Supabase
- **Tools & Platforms:** Git, Postman, Figma
- **Methodologies:** API Development, UX/UI Design, UAT, Performance Optimization