



SARANPAT FUNKAEW

Full Stack Web Developer



Contact Info

Phone: +6681-666-8881
Email: volkswg@gmail.com
LinkedIn: saranpat-funkaew



<https://swagenfolio.web.app>

PROFESSIONAL EXPERIENCE

- **Software Engineer (Intermediate)**

Sunday Technologies Co. Ltd

Nov 2022 - Present

- **Lead Service Implementation:** Lead the migration of the authentication management service from an existing Java-based (Kotlin) implementation to a new service Javascript-based, ensuring seamless integration and compatibility
 - Collaborated closely with the Project Owner to define high-level requirements and establish project timelines
 - Organized and delegated tasks among team members, ensuring efficient workflow.
 - Conducted risk analysis to identify and mitigate potential challenges during the migration process.
- **Initiated Service to Reduce Operation Time:** Designed and implemented a new service to automate specific workflows, eliminating time-consuming manual tasks and improving operational efficiency.

- **Full Stack Web Developer (Intermediate)**

HG Robotics Co.,Ltd.

May 2022 - Nov 2022

- **Frontend Development (Web):** Implemented user interfaces using **Vue.js**.
- **Backend Development (API Server):** Developed APIs using the **Sails.js framework** (Node.js) with **MySQL** as the database.
 - Upgraded backend authorization from static, hardcoded rules to a user-configurable system utilizing JWT (JSON Web Token).
 - Migrated hardcoded permissions to a database-driven permissions mapping.
 - Integrated dynamic authorization and permissions into the frontend using the CASL framework.
- **Database Optimization:** Migrated ORM framework from **Sails.js Waterline** to **Sequelize** for improved database management and flexibility.

- **Full Stack Web Developer (Junior)**

MEB Corporation Ltd.

Aug 2019 - May 2022

- **Frontend Development (Web):** Built user interfaces using **HTML**, **CSS**, and **JavaScript**.
- **Backend Development (API Server):** Implemented server-side functionality using **PHP (Smarty)**, **MySQL**, and **Node.js**
- **Server Optimization:** Reduced infrastructure costs and improved user experience by optimizing server performance.
 - Minimized query time by refactoring PHP scripts to batch process queries instead of iterating through loops.
 - Monitored server CPU utilization and response times using AWS CloudWatch.
 - Optimized server-side rendering by enhancing the caching system.
 - Implemented **lazy loading** to load data only when needed, improving performance.
- **Serverless Architecture:** Designed and deployed serverless services using **AWS Lambda** to run scheduled tasks (Cron jobs) at fixed intervals.

SKILL

Technical Skill: HTML, CSS, JavaScript, NodeJS, ReactJS, NextJS, NestJS, PHP, SQL, Python

Language Skill: Thai Native, English Intermediate

EDUCATION

- **King Mongkut's University of Technology Thonburi (Bangkok, Thailand)**

2015 - 2019

Bachelor of Engineering, Computer Engineering

ACHIEVEMENT

- **3rd Runner-Up (Big Data)**

Thailand Open Hackathon 2018

2018

- The competition focused on **Big Data** and involved solving real-world telecom issues, such as package usage and privilege redemption. It was organized by **DTAC** in collaboration with the **Sirindhorn International Institute of Technology (SIIT)**.

- **1st Runner-Up**

Thailand ICT Award (TICTA) 2015

2015

- Submitted the project '**Happy Town**', which was selected to participate in the **Asia Pacific ICT Awards (APICTA)**. The contest was organized by the **Association of Thai ICT Industry (ATCI)** and the **Software Industry Promotion Agency (SIPA)**.