

Phumrapee Limpianchop

Platform Engineer
BRIKL

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I am a full-stack web developer, who keeps looking for new challenges. Over the past 8 years, I have been learning web technologies since junior high school as a hobby. I am also always energetic to learn about upcoming modern web technologies and try to put them into practical use. More than that I am a maker, automating workflows both in my daily life to the workplace to simplify much manual work, and keep life less busy. I also sometimes created IoT hardware to build many interesting things from smart home devices to the embedded system.

Professional Experience

BRIKL, Thailand 2021 - Present
Platform Engineer, Full-time
Creating tools to automate workflows between engineers, QA, and Sales team to increase productivity within the company.

BRIKL, Thailand 2019 - 2021
Software Engineer, Part-time
Building and designing system architecture for the new platform of the company from management dashboard, to the customer-end storefront.

Level 11th 2019
Junior Frontend Engineer, Part-time
My first internship job during my study for a bachelor degree. Studying practical uses of React framework, and how to future-proof system architecture with rapidly scaling company.

Education

Bachelor Degree of Information and Communication Technology 2018 - 2022
Mahidol University, Thailand
BS project: "Mirai: Virtual arcade wallet token"

Skills and abilities

Coding languages

- TypeScript / JavaScript
- Swift / SwiftUI
- Python
- C / C++

Languages

- Thai (Native)
- English (Proficient, TOEIC 865)
- Japanese (Basic)

Other engineering skills

- Docker / docker-compose
- Linux (Ubuntu / RHEL / Debian)

Selected Awards

Thesis presentation. Faculty of ICT, Mahidol University

I have got an award for the best thesis presentation within my academic year students in faculty and got the opportunity to make a presentation at Sakura Symposium by Tokyo City University and Mahidol University as well.

Actions on Google Hackathon Thailand, Google Thailand

2-days hackathon to create Actions on Google bots competing between 10 teams within the same theme "Smart living with connected home". My teams got second place, and receive Google Home hub, and Google Home Mini as a reward.

19th National Software Contest. NECTEC

First runner-up award in the application program category. NSC is the biggest computer project competition for high school, and college students, competing over 2000 projects from the entire country into only less than 150 projects for finalists.

Keynotes, Event and Talks

I am an experienced public speaker who is able to deliver keynote talks, as well as participate in panels and networking. Furthermore, I also joined the group of [Creators Garten](#) to help organize various events in the past, and future.

Say goodbye to passwords... permanently, BKK.JS Meetup #16

2022

[Keynote slides](#) | [Demo repository](#)

Passwords are bad for people when the website required you to include at least capital and special case character. Why waste time remembering a hard password, or using a password manager and waiting for the time to be phished? In this talk, I introduce WebAuthn to the community, the password-less authentication method for the future.

The state of "S", Svelte Meetup #1 Bangkok

2022

A quick break session insert, to show code comparison between two small, yet powerful frontend frameworks. Svelte, and SolidJS.

Selected Projects

Jacquard RTC ([GitHub](#))

I brought Levi's Trucker Jacket with Jacquard by Google for myself and quickly found out that Google's provided application has very limited functionality, and I see more potential from this technology. So, I write SwiftUI applications to trigger keyboard keys from my jacket on my MacBook.

Thai Lottery API ([GitHub](#))

This is my first project to try web scraping. There's very little public API to see Thai lottery results so I made one by myself. Serving over 200,000 requests per month.

Riffy Blog ([GitHub](#))

Before, I use WordPress to manage my blogs. There's a disadvantage of wasting a lot of processing power on serving blogs from databases for every request. So I made my own personal blog, build only once and serving blogs as static sites. Improving loading time, SEO performance, and reducing server load.