



# PHORNPHATCH HIRANPATTANAKUL

Fullstack Software Engineer



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< ZUMO - [findingzumo.com](https://findingzumo.com) >

## WORK EXPERIENCE

June 2022

-  
Present

### FULLSTACK SOFTWARE ENGINEER

100% Remote / MeCode Company

Leading requirements grooming and estimation to ensure alignment on effort and duration for larger milestones. Reviewing PRDs from the PM to ensure technical feasibility before team grooming. Serving as a liaison between engineers and product stakeholders to increase work transparency. Improving quality by writing automated tests and performing ticket verification.

Leading the implementation of a design system for the organization. Collaborating with designers to create design tokens and a consistent design language. Implementing the system using SCSS, Tailwind configuration, and components (React and ViewComponent).

Participating in design review processes to refine the product's UI/UX. Analyzing technical feasibility to ensure user-friendly, aesthetically pleasing, and practical design solutions.

Tasked with more complex features. Designing and developing technical implementations with minimal guidance. Assisting peers and junior team members remotely to fix bugs through pair programming. Onboarding team members to new projects.

Sep 2021

-  
June 2022

### Jr. FULLSTACK SOFTWARE ENGINEER

100% Remote / MeCode Company

Designing and developing web applications for clients and internal products. Proposing technical solutions to the team as needed. Providing support for fixing defects and bugs post-production release and maintaining legacy projects.

Performing search engine optimization (SEO) and integrating websites with analytics solutions like Google Analytics, Google Tag Manager, Google Search Console, and Facebook pixel.

Working in an agile environment and utilizing trunk-based development for frequent releases. Assisting in estimating and breaking down technical tasks during product requirements grooming. Collaborating closely with product managers and designers to ensure timely technical delivery of requirements.

### Tools

#### Languages & Frameworks

- NextJS (JS/TS)
- NestJS (TS)
- Ruby on Rails (ViewComponent)
- HTML/CSS/SCSS (Tailwind)
- SQL

#### Databases

- PostgresQL
- MySQL

#### CMS & eCommerce

- Strapi (headless)
- Ghost (headless)
- Shopify (headless)

#### Infrastructure

- Terraform
- Kubernetes

#### Marketing

- Google Search Console
- Google Analytics
- Google Tag Manager

#### Others

- Git (with Github and Github Action)
- Figma, Zeplin
- Postman
- JIRA

### Example Projects

- **Hear and Found** [www.hearandfound.com](https://www.hearandfound.com)  
A music licensing webapp with admin back-office which sale Thai traditional music and sound from independent artists (e-commerce, music streaming)
- **Kanekoji** [www.kanekoji.com](https://www.kanekoji.com)  
An e-commerce website for second-hand branded merchandise.
- **MeWork - internal product** -  
A web application for Human Resources Management and Time and Attendance tracking which provide comprehensive solutions for managing employee data and accurate tracking of work hours.
- **OrganicsBuddy** [www.organicsbuddy.com](https://www.organicsbuddy.com)  
An e-commerce website for organic plant-based household cleaning and personal care products
- **ThaiUnionAlternativeProtein** [www.thaiunionalternativeprotein.com](https://www.thaiunionalternativeprotein.com)  
A marketing website for nutritious plant-based seafood
- **ApScaleUP** [www.apscaleup.com](https://www.apscaleup.com)  
A marketing website for AP THAILAND GROUP
- **PapaExpert** [www.papaexpert.com](https://www.papaexpert.com)  
A web blog for parenting advice
- **Shade flooring** [www.shadeflooring.com](https://www.shadeflooring.com)  
A marketing website for polymers flooring coating products and services
- **LuckySuki** [www.lucky-suki.com](https://www.lucky-suki.com)  
A marketing website for sukiyaki restaurant
- **Autofintech**  
An e-KYC platform for doing kyc before investing in initial coin offerings (ICOs)

March 2021

## FREELANCER

Sep 2021

Remote from Helsinki, Finland

Develop websites and web applications for clients. Integrate Next.js application with Strapi and Shopify API. Implement extra functionality for existing applications such as filters, pagination and categorization. Fix UI defects and bugs.

### Example Projects

- **GiveFlowers** [www.giveflowers.co](http://www.giveflowers.co)  
A static website for selling flower bouquet online
- **SSFortune Trade** [www.ssfortunetrade.co.th](http://www.ssfortunetrade.co.th)  
An e-commerce website for selling office supplies

PHORNPATCH  
HIRANPATTANAKUL

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## OTHER WORK EXPERIENCE

June 2018

### TECHNICAL SERVICE ENGINEER

Jan 2021

Sale and Marketing division / PTT MCC Biochem Company Limited / Thailand

Provide appropriate technical knowledge training for customers. Manage product development projects, marketing events and all product's documents, compliances, and regulations. Handle customer's complaints and claims. Issue lab requests, monitor and follow up the tests together with the researchers in the laboratory. Participate the trials to recommend process modifications in the manufacture internationally. Using SAP to register and track procurements. Internal auditor and 5s committee.

June 2015

### INTERNSHIP

July 2015

PTT Public Company Limited / Thailand

Operational Excellence (OpEx) Management Project

## EDUCATION

May 2023

### Introduction to Computer Science (CS50x)

Dec 2023

Harvard University | Online course

Harvard University's CS50x is an introductory computer science course that offers an intellectual exploration of the field and programming skills. Taught by David J. Malan, the course emphasizes algorithmic thinking and efficient problem-solving. Topics covered include abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development. Programming languages utilized include C, Python, SQL, JavaScript, CSS, and HTML. The course includes problem sets inspired by real-world domains like biology, cryptography, finance, forensics, and gaming. CS50.

Project : PlanPrompt [planprompt.findingzumo.com](http://planprompt.findingzumo.com) - A web application for easy trip planning. Register effortlessly, create templates ,and share travel plans with a star rating system. Built with Ruby on Rails.

May 2021

### FreeCodeCamp

July 2021

Online Courses

- Responsive Web Design HTML for content, and CSS for design
- JavaScript Algorithms and Data Structures JavaScript, ES6, RegEX, and Algorithm
- Front End Development Libraries Bootstrap, jQuery, SASS, React and Redux
- Node.js Tutorial for Beginners
- APIs and Microservices Managing package with npm, Node.js and Express, MongoDB and Mongoose

March 2021

### Power BI

Udacity Online course  
and Microsoft Online course

Feb 2021

### SQL

DataRockie Online course  
• Intro to SQL for Data Analysis

2016

2018

### MASTER OF POLYMERS SCIENCE | Faculty of Science

Petroleum and Petrochemical College Bangkok / Thailand

Thesis : Synthesis and electrochemical properties of polybenzoxazine-derived nanoporous carbon electrode materials for supercapacitors

2012

2018

### BACHELOR OF MATERIALS SCIENCE (POLYMERS) | Faculty of Science

Chulalongkorn University Bangkok, Thailand

Thesis : Fabrication of a chitin/chitosan hydrocolloid wound dressing and evaluation of its bioactive properties  
/ Published on Springer Science+Business Media