

PATAWAT WATAKUL

SOFTWARE ENGINEER/FULL-STACK DEVELOPER

Experienced backend software engineer with a strong foundation in React, Node.js, PHP Larave, Java, and JavaScript. Skilled in developing and deploying scalable and efficient web applications that meet customer requirements. Proficient in full-stack development, with the ability to design, develop, and maintain both front-end and back-end systems. Well-versed in software development best practices, including version control, testing, and agile methodologies. Adept at collaborating with cross-functional teams and communicating complex technical concepts to non-technical stakeholders.

CONTACT

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RELEVANT SKILLS

- Java (Main Languages)
- Javascript (React/Nodejs) (Main Languages)
- Python
- PHP (Laravel Framework)
- GIT
- AWS, Docker
- MySQL/MongoDB

LANGUAGES

- English
- Thai (As Native speaker)

AWARDS

- **Winning the Best Idea award** CodeBrew (Hackathon at the University of Melbourne) | 2021 | Create flash card web application for improve student learning.
- **Semi-Final Award** 19th National Software Contest | 2016 | Bangkok | Build education android application for students to learn astronomy by using VR technology

WORK EXPERIENCE

Full-Stack Developer

DAVICI TECH (MELBOURNE, AUSTRALIA) | NOV 2022 TO APRIL 2022 (4 MONTHS)

- Build the first web prototype for a company project and this project has the purpose to help a client to generate their own website in a few steps (Tech Stack: PHP Laravel, React, Redux)
- Deployed system over AWS service by using git action, EC2, S3

Full-Stack Developer

DEXTEROUS (MELBOURNE, AUSTRALIA) | SEP 2021 TO SEP 2022 (1 YEAR)

- Developed web base system for helping a client to manage their business more effectively and the project was integrated with several third parties services (Including Gmail, Xero, MYOB etc)
- Added several features such as a tasks management system and stock management system.
- The technology stack was React/Redux for the front end and PHP Laravel for the backend.

Software Engineer (Internship)

CONVO TECHNOLOGY (MELBOURNE, AUSTRALIA) | DEC 2020 TO MARCH 2021 (4 MONTHS)

- Integrated with an API to collect insight information from social media (Facebook, Instagram) into our local database and present it on the web page.
- Wrote Convo's script with the Bitly API to generate the shortcode automatically.
- Related technologies are Firebase, Javascript and AWS.

Full-time Backend-Developer

INNOVATIVE EXTREMIST (BANGKOK, THAILAND) | JAN 2018 - APRIL 2018 (4 MONTHS)

- Upgraded and Improved the ByteArk System (Thailand's video storage and streaming provider which served more than 3 main free TV Channels and They have a multi-million audience in Thailand and nearby countries). Envolve in various features in the system. Such as API for collecting the video, API for video encoding monitor, and supporting API for the front-end team.
- Developed and designed Architecture for the Back-end Side of hype.army (Esport tournament platform which currently organises over 100 matches a month).
- Tech stack: Laravel, Docker, MySQL.

Software Developer (As a freelance job)

KASETSART UNIVERSITY (BANGKOK, THAILAND) | JUNE 2017 - JULY 2017

- Build a backend service for VR/AR applications on Android by using the react and PHP Laravel

Internship Software Engineer

INNOVATIVE EXTREMIST (BANGKOK, THAILAND) | AUG 2016 - DEV 2018 (4 MONTHS)

- Developed and Implemented an online learning system by using the React and PHP Laravel

Researcher Internship

NARA INSTITUTE OF SCIENCE AND TECHNOLOGY | JUNE 2016 - JULY 2016

- Analysed more than 100 sets of code examples to see their characteristic
- Worked in Software Engineering Lab under research topic: A Metric forCode Example Quality
- Sponsored by the Japan Student Services Organization

EDUCATION HISTORY

Master of Software Engineering

INSTITUTION: UNIVERISITY OF MELBOURNE | YEAR OF GRADUATION: 2021

- Software Project: Software Training Repository
 - Web base system that has the purpose to help students to find the best learning resources.
 - Front-end leader (5 team members for the front-end team)

Bachelor of Software and Knowledge Engineering

INSTITUTION: KASETSART UNIVERSITY | YEAR OF GRADUATION: 2017

- Final Software Project: Implemented Astronoid Learning Application by using VR. We were using many tech stacks including Android application, PHP Laravel, AWS and Unity.