

PHITCHAWAT LUKKANATHITI

📍 Bangkok, Thailand · ✉ me@phitchaw.at · 📞 +66 (0) 89 413 4748

🌐 <https://phitchaw.at> · [in linkedin.com/in/phitchawat](https://www.linkedin.com/in/phitchawat) · 🎧 Shayennn

v0.7.0 compiled on September 9, 2024. See the latest version at phitchaw.at/resume

I am a highly skilled IT Generalist who believes in automation and is interested in software engineering, computer architecture, cloud computing.

EDUCATION

Kasetsart University Bangkok, Thailand
B.Eng. (Computer Engineering) (Second Class Honors) *GPA: 3.42* Aug 2018 - Apr 2022
Senior Project: *Optimizing and Deploy WebODM on Kubernetes Cluster on Bare-metal server*

WORK EXPERIENCE

LINE Pay (Thailand) Co., Ltd. *(Mobile payment and food delivery services. An entity in the LINE Group)* Bangkok, Thailand
Site Reliability Engineer Jan 2024 - Present

- Focus on Site Reliability Engineering (SRE), DevOps, Infrastructure as Code (IaC), System Administration, etc.
- Experience with managing servers under PCI-DSS.

Merkle Capital Co., Ltd. *(Providing digital asset management services.)* Bangkok, Thailand
Senior Full-Stack Software Engineer / Developer Oct 2023 - Jan 2024 (4M)

- Hiring Manager (de facto, on behalf of ex-CTO), manages software engineer interview process, interviews candidates, and onboards new hires.
- Rapidly Responded to and Mitigated a Critical DDoS Attack (Duration: 1 hour)
- Recovered from an Accidental Virtual Machines Deletion (Duration: 2 hours)
- Optimized CI/CD Pipeline, Reduced Running Time from 30 minutes to 12 minutes (Reduced 18 minutes)
- Enforced Security Policies, Fully SSL PostgreSQL Connection, etc.
- Setup Background Task System with Bull and Redis

Full-Stack Software Engineer / Developer Oct 2022 - Sep 2023 (12M)

- Develop and Maintain the Company's Main Product (Digital Asset Management Platforms)
 - Improved KYC Liveness Detection with 3rd Party Integration (Verifio)
 - Developed Fund Switching Feature
 - Optimized CI/CD Pipeline, Cypress Test, etc.
- Develop and Maintain internal systems
 - Maintain WiFi Hotspot and Logging system at both two offices (Dragon Town and MitrTown)
 - Setting up Mock Phishing for Crypromind Group
 - Setting Up Outgoing Proxy Server for Merkle and Elkrem

Project Manager *(Project-based Outsourcing under D.E. Wellington Technologies Co., Ltd.)* June 2022 - Sep 2022 (4M)

- Develop Trading Terminal Platform for Merkle Capital Co., Ltd.
- My team has 1 Project Manager, 4 Developers, 2 QAs, and 1 UX/UI Designer.
- Also doing a part of other roles which are Technical leader, DevOps, System Architect, Product Owner, and Scrum Master.

LINE MAN Wongnai Co., Ltd. *(Food delivery services. An entity in the LINE Group)* Bangkok, Thailand
Site Reliability Engineer (Part-time) Apr 2022 - Sep 2022 (6M)

- Migrate a part from Huawei Cloud to AWS
- Working on Gitlab CI to support single-branch workflow

- Log collector and summarize script for tech-infra auditing

ExxonMobil Corporation
Platform Engineering Intern

Bangkok, Thailand
 May 2021 - Nov 2021 (7M)

- QA (Quality Assurance) on POS (Point of Sale) System
- PoC (Proof of Concept) of Automation Testing for POS System
- Retail batch close validation error investigation
- Make a script to investigate batch close errors which can reduce the time from 20 days to 2 hours

Freelancer / Outsourcing

2014 - Present

Developer, Project Manager, Software Engineer

- Alternative LINE Official Accounts Management Panel - Cheaper broadcasting system, Admin Panel, etc.
- KOBBank - Bank transactions crawler software as a service.
- Drone Images Processing
 - Live Video Processing on Drone Embedded System
 - Crop Health Analysis
 - Orthophoto
 - 3D Pointcloud

SKILLS

Programming Languages:	Python, Golang, JavaScript, TypeScript, C, HTML, CSS, JSONNet
Frameworks:	FastAPI, Flask, React.js, Express, Django, Firebase, Laravel, CodeIgniter, Celery
Libraries:	Tailwind CSS, jQuery, Bootstrap
Databases:	MySQL, MariaDB, PostgreSQL, MongoDB, Firebase Firestore, Firebase Realtime Database
Dev Tools:	VSCode, GoLand, PyCharm, Git, GitHub, GitLab
System&Infra:	Linux, Docker, Kubernetes, Terraform, Google Cloud Platform (GCP), Amazon Web Services (AWS), Redis, Bash

PROJECTS

2024 - CloudPBX / Telephone System *FreePBX, SIP*

PBX system for Merkle Capital Co., Ltd. and Cryptomind Group

2022 - Trading Terminal for Merkle Capital Co., Ltd. *Python, Django, Celery, JavaScript, React.js, Redis, Docker, Google Cloud Platform (GCP), Terraform, Git, Github*

A system to manage Merkle Capital assets, cryptocurrencies, and digital tokens.

Project Value: 1,300,000 THB

2021 - WiFi Hotspot and Logging system *Mikrotik, Synology NAS*

WiFi Hotspot system for Merkle Capital Co., Ltd. which collect traffic log and is all done with Mikrotik and NAS

Cost reduction: 30,000 THB from Market Price

2020 - KUFillingGood *Firebase, JavaScript, Google Cloud Storage*

<https://kufg.phitchaw.at>

3rd party Kasetsart University class registration advisory system

Man-hour reduction: 30,000 MH to less than 10,000 MH (approximate calculation, 3h x 10k Bangkok students)

2014 - KOBBank *PHP, CodeIgniter, JavaScript, Socket.io*

<https://phitchaw.at/bank>

Bank transactions crawler software solution. Serve as software as a service (SaaS)

Project Value: > 2,400,000 THB

License Count: > 400 licenses (Active 89 License)

2014 - KOBBank Admin Panel *PHP, Google Cloud Platform (GCP), Memcached, Python, Flask, PyTorch, MariaDB*

Licensing, Management, and Billing System for KOBBank

AWARDS

- 1st place in KPMG Cyber Security Challenge 2021** KPMG (Thailand)
Recognized as team leader of Kaidonjai Oct 2021
- 1st place in ASEAN group of ASCIS2021** ASEAN Student Contest on Information Security
Recognized as team leader of IDK IDK IDK Nov 2021
- 1st place in Thailand Cyber Top Student 2021** National Cyber Security Agency
Recognized as team leader of IDK IDK IDK Aug 2021
- First Prize in ASC 20-21** Asia Supercomputer Community
ASC Student Supercomputer Challenge
Recognized for optimizing QuEST (Quantum Exact Simulation Toolkit) and Infrastructure preparation. May 2021
- 2nd place in Financial Cybersecurity Bootcamp 2020** The Thai Bankers' Association
The CTF and vision of cybersecurity competition by Bank of Thailand, Securities and Exchange Commission, Office of Insurance Commission, Electronic Transactions Development Agency, and The Thai Bankers' Association Nov 2020
- 2nd place of Thailand Cyber Top Talent 2022 (Senior Level)** National Cyber Security Agency
Recognized as a member of Blueberry Nov 2022

LANGUAGES

- Thai: Native Speaker
English: 820 of 990 of TOEIC on June 2024