

PHITCHAWAT LUKKANATHITI

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

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I'm an over-average IT Generalist who believes in automation and is interested in software engineering, computer architecture, and 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 MAN Wongnai Co., Ltd. Bangkok, Thailand
Site Reliability Engineer Jan 2024 - Present

- Do things at Line Pay

Merkle Capital Co., Ltd. (The Cryptomind Group Holding subsidiary company.) Bangkok, Thailand
Senior Full-Stack Software Engineer / Developer Oct 2023 - Jan 2024 (4M)

- 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. 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 Bangkok, Thailand
Platform Engineering Intern 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, 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:	VS Code, PyCharm, Git, GitHub, GitLab
System&Infra:	Linux, Docker, Kubernetes, Terraform, Google Cloud Platform (GCP), Amazon Web Services (AWS), Redis, Bash

PROJECTS

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 - KU Filling Good *Firebase, JavaScript, Google Cloud Storage* <https://kufig.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: 780 of TOEIC on March 2022



KASETSART UNIVERSITY THAILAND

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STUDENT NO 6110503371

NAME Mr. Phitchawat Lukkanathiti

นายพิชวัชร ลักนาธิติ

ID No. [REDACTED]

PLACE OF BIRTH Thailand

DATE OF ADMISSION August 6, 2018

FACULTY OF Engineering

FIELD OF STUDY Computer Engineering

DEGREE CONFERRED B.Eng. (Computer Engineering) with Second Class
Honours

DATE OF GRADUATION April 11, 2022

COURSE				COURSE			
CODE	COURSE TITLE	GR	CR	CODE	COURSE TITLE	GR	CR
<u>First Semester 2018</u>				<u>Second Semester 2019</u>			
01204111	Computers & Programming	A	3	01204214	Problem Solving Laboratory	A	1
01355111	Foundation English I	P	3	01204223	Practicum in Computer Engineering	A	1
01355112	Foundation English II	P	3	01204225	Computer Architecture and Organization	A	3
01355113	Foundation English III	P	3	01204271	Introduction to Computer Engineering	A	1
01417167	Engineering Mathematics I	A	3	01204313	Algorithm Design and Analysis	A	3
01420111	General Physics I	B+	3	01204351	Database System	A	3
01420112	General Physics II	B+	3	01204371	Transform Techniques in Signal Processing	C+	3
01420113	Laboratory in Physics I	B	1	01205242	Electronic Circuits and Systems I	C	3
01999021	Thai Language for Communication	B	3	01355204	Fundamental English Listening-Speaking	B+	3
01999033	Arts of Living	B+	3		sem. G.P.A. = 3.43 cum. G.P.A. = 3.30		
01999111	Knowledge of the Land	A	2				
	sem. G.P.A. = 3.60 cum. G.P.A. = 3.60						
<u>Second Semester 2018</u>				<u>First Semester 2020</u>			
01175117	Meditation with Archery Activity	A	1	01174122	Recreational Learning through Backpack Traveling	A	3
01200101	Innovative Thinking	A	3	01204213	Theory of Computation	D	3
01208111	Engineering Drawing	A	3	01204324	Computer System Laboratory	A	1
01403114	Lab.in Fundamentals of General Chemistry	A	1	01204325	Data Communication and Computer Networks	A	3
01403117	Fundamentals of General Chemistry	C+	3	01204332	Operating Systems	A	3
01417168	Engineering Mathematics II	C+	3	01204341	Software Engineering	B	4
01418104	IT Updates	A	2	01205386	Electronics Engineering Laboratory	A	1
01420114	Laboratory in Physics II	A	1	01208201	Basic Principles of Engineering Mechanics	C	3
	sem. G.P.A. = 3.47 cum. G.P.A. = 3.54			02999144	Life Skills For Undergraduate Student	A	1
<u>First Semester 2019</u>					sem. G.P.A. = 3.14 cum. G.P.A. = 3.26		
01204211	Discrete Mathematics & Linear Algebra	D+	4	<u>Second Semester 2020</u>			
01204212	Abstract Data Types & Problem Solving	A	3	01009102	Agricultural Resources and Environment	A	3
01204222	Digital Systems Design	B	3	01176141	Career Planning for the New Generation	A	2
01204224	Logic Circuit Laboratory	A	1	01200433	Signalling and Telecommunication Systems	B	3
01204312	Probability Theory & Stat. for Comp. Eng.	C+	3	01204322	Embedded System	B+	3
01205211	Electric Circuit Analysis I	C+	3	01204391	Career and Social Skill Development Laboratory I	A	1
01219211	Software Development Training Camp	A	1	01204421	Computer Networks	B+	3
01417267	Engineering Mathematics III	C+	3	01204453	Web Information Retrieval and Mining	A	3
	sem. G.P.A. = 2.74 cum. G.P.A. = 3.25			01204495	Computer Engineering Project Preparation	A	1
				01385362	Southern Thai Folk Music	A	3
					sem. G.P.A. = 3.73 cum. G.P.A. = 3.35		

Explanation:

1. One credit hour is equal to 1 hour of lecture or recitation per week,
or 2-3 hours of practice per week, during a regular semester.2. Grading system: A : excellent = 4.0 S : satisfactory
B+ : very good = 3.5 U : unsatisfactory
B : good = 3.0 P : passed
C+ : fairly good = 2.5 NP : not passed
C : fair = 2.0 W : withdrawn
D+ : poor = 1.5 I : incomplete
D : very poor = 1.0 N : grade not reported
F : fail = 03. Credit symbols: * = not required in current curriculum or field of study
() = not accredited but required in current curriculum or field of study,
and included in computation of Grade Point Average
4. A minimum cumulative Grade Point Average of 2.00 is required for receiving a Bachelor Degree.เอกสารเลขที่
Document ID

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วันที่ออกเอกสาร
Issued date

8 June 2022

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11 April 2023

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KASETSART UNIVERSITY THAILAND

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STUDENT NO 6110503371

NAME Mr. Phitchawat Lukkanathiti

นายพิชวัชร ลักนาธิติ

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COURSE				COURSE			
CODE	COURSE TITLE	GR	CR	CODE	COURSE TITLE	GR	CR
<u>First Semester 2021</u>							
01204490	Co-operative Education	A	7				
sem. G.P.A. = 4.00		cum. G.P.A. = 3.38					
<u>Second Semester 2021</u>							
01204437	Computer System Security	A	3				
01204492	Career and Social Skill Development Laboratory II	A	1				
01204499	Computer Engineering Project	A	2				
01219493	Selected Topics in Computer System Enginneering (Blockchain Engineering by Paruj RATANAWORABHAN)	B+	3				
01385262	Northeastern Thai Folk Music	A	3				
sem. G.P.A. = 3.88		cum. G.P.A. = 3.42					
		cum. CR. = 149					

TRANSCRIPT CLOSED							

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