# MR. PHURIS SOMKAEW (PHU)

- First career: 9 months and 15 days of work experience as a junior software engineer who designed and developed an inventory app website using ERP concepts inside the corporation and included IT support tasks.
- Second career: 3 months as a junior DevOps engineer.
- Full passion for web/mobile development, DevOps, or jobs including IT sections.
- Skilled in Flutter coding (web/android) , Gitlab CI/CD script , Docker , Kubernetes , Ubuntu  Linux , MongoDB , Firebase , MariaDB , PostgreSQL , OpenLDAP , Keycloak , etc.
- Hard-working and self-learning simultaneously / Open-minded to suggestions from the corporation.

Seeking to apply my abilities to fill the role in your company.
I'm literally ready to be a part of your team to help your company achieve its goals.

## WORK EXPERIENCE

### Software Engineer (9 months and 15 days)

- Inventory App website using ERP concepts (15% finished).
  Frontend : Flutter (web) | Backend/DB : Firebase
  Demo website : https://inventoryapps-632b3.web.app
  Source_code : https://github.com/Phatanut/ERP_FLUTTER_SYN
- Mini project : Fetching JSON API data (CSV transformed) and showing them as a dashboard using Flutter.
  Source_code : https://github.com/Phatanut/using_api_tocall_dashboard
- Mini project : Fetching data from MongoDB and showing them as a dashboard using Flutter.
  Source_code :
  https://github.com/Phatanut/using_mongodb_tocall_dashboard

### Junior DevOps Engineer (3 months)

- Gitlab CI/CD pipeline (backend services)

  CI-Pipeline : Building 6 backend service images using DockerFile and then Pushing all of them to store at Harbor Registry.
  CD-Pipeline :
  1. Deployment of all services using deployment.yaml (Kubernetes).
  2. Deployment using helm chart :

     - stage 1:  Controlling code release in Helm chart repository using revision principles (Fetching code release or tag number from dev repository).
     - stage 2:  Pushing code release that has passed the revision process and then goes into the Helm chart repository.
     - stage 3: Deployment of all services using the helm chart method.

- Data Migration
  Tools : OpenLDAP – Keycloak – MariaDB,PostgreSQL

  - Using a Python script + ADUser to migrate data from MariaDB, building it as a ".ldif file", and then putting this file to update in the OpenLDAP server (VM). After that, synchronizing data to Keycloak and PostgreSQL.
  - Using Python script to modify some of the dn user types and update in the OpenLDAP server.

  etc :
  - Configuration of OpenLDAP and Keycloak to open that services in new VM.
  - Configuration + Migration of data from old MongoDB enviroment to new MongoDB enviroment.
  - Nova & Neutron in Microstack (Openstack).
  - Monitoring & Notification using Zabbix-agent.

Result of CI/CD Pipeline

## REFERENCE

IELTS_SCORE    TRANSCRIPT    Employment Reference Letter    Hand over CI-Script    Hand over CD-Script    Certificates_Including_IT

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## CONTACT

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## EDUCATION

**2019 - 2023**
**KASETSART UNIVERSITY**

- Bachelor of Industrial Engineering
- GPA  :  3.14

## SKILLS

- Flutter Android/Web (dev&build)
- NoSQL (Firebase/MongoDB)
- RDBMS (MySQL/MariaDB/PostgreSQL)
- ERP Concepts
- Data Visualization / Design of experiment using Excel
- HTML / CSS /JavaScript
- React.js
- Python
- Gitlab CI/CD Script
- Ubuntu Linux
- Docker
- Kubernetes
- Data Migration (Open LDAP - Key Cloak - DB)
- Golang
- Cloud AWS

## LANGUAGES

- English (B2)
  - IELTS overall score  :  5.5