PORNPOL WASUWAT

FULLSTACK WEB DEVELOPER

June 6, 1983
(+66) 0896778789
9pol@9pol.dev, pornpol.w@gmail.com
https://github.com/pornpol
https://9pol.dev
92/215 Saereethai rd., Klongkum, Buengkum, Bangkok, Thailand

PROFILE

I am a Fullstack Developer and Technology Lover. I have 10+ years of experience in various industries and participate in many awesome projects (products). Proficient in various platforms, languages, and embedded systems. Experienced with the latest cutting-edge development tools and procedures. Able to effectively self-manage during independent projects, as well as collaborate as part of a productive team. I am always seeking opportunities to expand learning into other types of development.

SKILLS

Programming: Javascript, Typescript (Node.js, React.js), Python (Django), PHP (Laravel), C/C++.

Databases: MySQL, MongoDB, SQLite, Redis.

Hardware: ESP32, AVR, STM32, Embedded Linux.

Others: Git, Docker, Apache Kafka, GraphQL, Microservice Architecture, Linux, AWS, etc.

EDUCATION

Chulalongkorn University, *Young Executive Master of Business Administration — 2014 - 2016*

GPAX: 4.00 — Medal for Excellent Academic Performance.

Kasetsart University, *Bachelor of Engineering, Electrical Engineering* — 2002 - 2006

GPAX: 2.85

EXPERIENCE

Srichand United Dispensary Co., Ltd. — E-Commerce Platform.

Position: *Software Engineer* — MAY 2021 - PRESENT

Responsibilities: Maintain and add features to E-Commerce Platform (Ruby on Rails). Develop Internal Tools to increase organization productivity (React.js).

Technologies:
- Javascript (React.js), Ruby on Rails
- PostgreSQL, Redis, RESTful API, Docker etc,

Taamkru Ltd. — School Management Platform.

Position: *Software Engineer* — MAY 2020 - APRIL 2021

Responsibilities: Develop School Management Platform using Microservices Architecture (Canteen Service, Student Management Service, Student Club Service, etc.).

Technologies:
- Javascript (Node.js, React.js), Python (Django).
- MySQL, Redis, GraphQL, RESTful, gRPC, Kafka, Docker, Gitlab, Microservices, JIRA, etc,

Freelance — SEP 2019 - APR 2020

Develop and Design various projects both hardware and software follow customers requirements

Projects: NB-IoT, LoRaWA Power Meter, IoT Device, and Data Management Platform.

Technologies:
- C, C++ (Embedded, Arduino, ESP), Python, Javascript (Node.js, Vue.js, Node-Red). PHP (Laravel)
- MySQL, MongoDB, TimeScaleDB, RESTful API, etc.

Energy Response Co., Ltd. — IoT and AI-based Building Health and Energy Monitoring Platform.

Position: *Embedded Software Team Lead* — AUG 2017 - AUG 2019

Responsibilities:
- Led a team of 3 people to provide IoT solutions to meet customer's requirements.
- Develop Custom Hardware.
- Develop Data and Hardware Management API.

Technologies:
- C, C++ (Embedded, Arduino, ESP32, Node-Red), Python (Embedded Linux), Javascript (Node.js, Vue.js).
- Database: MySQL, SQLite.
- IoT Protocol: Wifi, NB-IoT, LoRaWAN, BACNet, Modbus.

MixEn Corporation Co., Ltd. — Custom Machine and Device Development.

Position:
- *Product Manager* — JUL 2012 - JUL 2017
- *Senior Embedded Software Engineer* — FEB 2007 - JAN 2011

Project: *Weather Station data monitoring*
- Technologies: Python (PyQt), Javascript (Node.js, React.js), C/C++, Embedded System, MySQL.
- Responsibilities:
    - Develop web applications to show weather data from databases.
    - Develop software applications to download data from embedded devices.
    - Develop embedded software and hardware to send data from embedded devices to the server.

Project: *Production monitoring system (Embedded Linux)*
- Technology: Python Application (PyQt5), PHP, Javascript.
- Responsibilities:
    - Develop a UI (PyQt) to display Real-Time product output via a monitor.
    - Develop Web Application (PHP, Javascript) to display Real-Time product output via a browser.
    - Develop Firmware to get data from machines or any sensors.

Project: *Embedded device (Many projects)*
- Technology: C/C++, STM32, AVR, Embedded Linux.
- Responsibilities
    - Development Electronic Device for Industrial, Datalogger, Machine Control, PLC.
    - Design Circuit, PCB, and firmware for Embedded Device.
    - Development IoT (internet of thing), Embedded Linux (Cross Compile Driver, embedded hardware, QT, RTOS).

Toyota Tsusho Electronics (Thailand) Co., Ltd. — Development of In-Vehicle embedded software

Position: *Programmer* — APR 2006 - JAN 2007

Responsibilities:
- Test Embedded Software for automotive.
- QC Unit Test software

Technologies: C/C++, RTOS, ECU, MCU