

Tossapon Tongbai

Developers

Age 30

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I am a programmer with 6 years of experience , Experience background I learn robotic systems development using the Robot Operating System (ROS), and front-end, back-end. I have a portfolio of developing software for autonomous robotic systems for control robot (Hardware), designing intuitive and responsive user interfaces(web app mobile app), and secure server-side applications (backend server). I like to learn new programming languages, development tools ,and solutions across multiple platforms frameworks.

Skills

- Font-End : HTML , CSS , JavaScript , TypeScript , ReactJs, React Native , Vue , NextJs , PHP , Laravel , QT , Java ,Kotlin Flutter, C# .net
- Back-End : Python , C , C++ , NodeJs , NestJs
- Database : Postgresql , mySql , mongoDB
- Mechatronic : Solidwork , AutoCad , ROS , Arm mBed , Arduino , PLC , Can-Bus

Work History

2020-2024 Programmer

Gensurv , Bangkok

- Work with team of 4 developers to successfully launch a new Outdoor Tow Truck-Laser Guided AGV platform.
- Create web Application for control AGV for heavy load indoor transports in warehouses and factories.
- Create a application for support team that makes work easy and fast.
- Developed a RESTful API using Node.js and Express, forward proxy server to localhost

2024-2025 Programmer

Keyspace , Bangkok

- Hotel auto check-in through our application. Guests can register their room and receive their door lock card directly, with all user data securely saved to our database upon check-in.
- Develop a server API to interface with the elevator mainboard, enabling software control over door operation and floor selection.

- Create a reusable Java library for Android development, It can use serial communication with hardware devices via RS232 and RS485 protocols.

Education

2019

Bachelor of Engineering (Mechanical Engineering)

KING MONGKUT'S UNIVERSITY OF TECHNOLOGY NORTH BANGKOK

- Develop a robot equipped with mecanum wheels, controlled using ROS (Robot Operating System), and create a user interface that displays the robot's position in real-time.



กรมพัฒนาฝีมือแรงงาน กระทรวงแรงงาน

DEPARTMENT OF SKILL DEVELOPMENT, MINISTRY OF LABOUR

วุฒิบัตรฉบับนี้ให้ไว้เพื่อแสดงว่า

This is to certify that

นายทศพร ทองใบ

Mr. Tossaporn Tongbai

ได้สำเร็จการฝึกยกระดับฝีมือ

has completed the upskilling course

หลักสูตร การใช้โปรแกรมMITSUBISHIPLC&GxWork๓ จำนวน ๓๐ ชั่วโมง
in Gx Work3 Application for Mitsubishi PLC (30 hours)

ระหว่างวันที่ ๑๔ - ๑๗ กรกฎาคม ๒๕๖๔

From 14 - 17 July 2025

ให้ไว้ ณ วันที่ ๒๗ กรกฎาคม พ.ศ. ๒๕๖๔

Given on 27 July 2025

(นายเดชา เพุกษ์พัฒนรักษ์)

(Mr.Dechar Peukpattanaruk)

อธิบดีกรมพัฒนาฝีมือแรงงาน

Director-General

(นางสาวจิตชญา อัมสาริกา)

(Miss Jitchaya Umsarika)

ผู้อำนวยการสถาบันพัฒนาฝีมือแรงงาน ๑๗ ระยอง

Director of Rayong Institute for Skill Development

