JT Lin

🎓 MS. Computer Science and Engineering, NTOU 2018 - 2020
🎓 BS. Computer Science and Engineering, NTOU 2014 - 2018

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Sr. ERP Engineer, NZXT, Inc. , New Taipei City, Hybrid Jan 2021 - Present

`C#, ASP.Net, .Net framework, MSSQL, Python, ETL, Data Pipeline, AWS EC2, S3 and Route53`

- Developed and maintained customized ERP system projects using C#, ASP.NET and MSSQL technologies.
- Established and improved Acumatica Customization's Git flow in the ERP team, utilizing Github for version control.
- Worked with the EMEA team, improved the operation flow from manual shipping to "one-click to ship" with SendCloud integration.
- Worked with the US team, optimized the ETL program and increased the data processing speed from 150 datas/min to 130 datas/sec through ShipStation Integration.
- Built up a monitoring system with chatbot implementation between Acumatica framework and Slack.
- Imported and tested the Manufacturing modules.
- Established the ETL program in Custom PC's additional warranty with Extend integration.
- Researched and built the CI/CD for Acumatica customization projects.
- Built an AI translation system with prompting, GenAI and automation pipeline.
- Maintained and improved the ERP relative instances' architecture on AWS EC2, S3 and Route53.

Programming Teacher/Full Stack Engineer, PT, Sandbox Academy, New Taipei City, ON Mar 2019- Jan 2020

`Python, Bootstrap, JavaScript, PHP, MySQL and Docker`

- Taught programming to elementary pupils using the Pixelpad platform, utilizing Python to develop web-based games.
- Developed the teacher training system, utilizing Bootstrap, JavaScript, PHP, MySQL.
- Maintained the teacher training system on Raspberry Pi 4, utilizing Docker.

Website Developer and Server Maintenance, PT, NTOUCS, Keelung, ON Jul 2017- Jan 2020

`Bootstrap, WordPress, PHP, MySQL and LAMP`

- Developed and maintained websites, servers, and databases using WordPress, PHP and MySQL.
- Designed and implemented a classrooms and equipment rental services system for school clubs (NTOUSTU).
- Developed and implemented a place coordination system for school clubs (NTOUSTU).

Side Projects and Hobbies

Hubot Plurk Adapter - A chatbot framework, Hubot's Plurk adapter based on **Node.js** .

Shopee Crawler Bot - A chatbot which could do auto-tracking with certain keywords on Shopee based on **Python and Flask** .

PEPEWTF KartRider Competition Website (2022) - Based on **Bootstrap** .

Awards and Thesis

Direction Giver (Nominated - The Innovative Awards 2017 | Excellent - TCA OpenData Contest 2017)

Version-Based Microservice Analysis, Monitoring, and Visualization (APSEC 2019)

MSABot:A Chatbot Framework for Assisting in the Development and Operation of Microservice-Based Systems (ICSE 2020 / BotSE 2020)