

Jimmy Ma



B.S, department of physics, [Fu Jen Catholic University](#) 2009 - 2013

WORK EXPERIENCE

Sr. backend software Engineer, [Lenovo](#), Taipei July 2022 – March 2024

Python/Flask/JavaScript/Vue.js/MySQL/Redis/Nginx/Docker

- Maintained and developed a SaaS website for server hardware testing as a service (Share Tool).
 - Use Flask and Vue.js to build this service.
 - Resolve the issues and new features raised by Lenovo's internal hardware engineers for this project.
- Implemented statistics from the external Lenovo material API.
 - Notified engineers of daily material changes.
 - Enhanced daily work efficiency by 3% through the reduction of manual calculations.
 - Display highly readable data messages in emails using HTML and CSS.
- Implemented NPS statistics for engineers' work orders.
 - Completed the statistical calculation of NPS charts.
 - Based the calculations on scoring feedback from engineers' work orders.
 - Enhanced NPS calculation efficiency by 10% and made the results available for managerial statistical use.

Sr. backend software Engineer, [Hipposcreen](#), Taipei July 2020 – July 2022

Python/Django/Django REST framework/JavaScript/PostgreSQL/Celery/Redis/Nginx/Docker/Azure

- Implemented API service and manager website system for [a depression detection system](#) independently.
 - Use Django REST framework to build REST API service.
 - Use Docker compose to deploy service on Azure VM with HTTPS URL.
 - It can generate inspection PDF reports by weasyprint.
- Implemented [company official website](#) independently.
 - Its messaging system combined with Teams API saves marketers and visitors conversation time.
 - Marketers can use the Django admin page to manage contents.
 - Optimize Google SEO so that the company name is the first in the search order.
- Implemented on duty ERP system to improve 2% company operation process.
 - It has a friendly page to show who is on duty today, and send notification in Teams.
 - Combine with the government holiday API to check which date is workday.

Backend software Engineer, [Croxlink](#), Taipei December 2017 – June 2020

- Implemented supply chain management website independently (Python, Django, JavaScript, Celery, PostgreSQL, Redis, AWS).

Full-Stack software Engineer, [Cloudcube](#), Taipei August 2015 – May 2017

- Implemented customized [OpenStack](#) portal to simulate the [Horizon](#) project (Python, Django, Flask, JavaScript, HTML, CSS).

SIDE PROJECTS

- [Software job note](#): I share front-end concepts and interview tips for beginners and non-technical audiences. My content has gained over 600 stars on GitHub and [ranks first in Google search](#) results for the keyword '軟體工作入門' (software job entry).
- [E-commerce website](#): An e-commerce website that sells toys, implemented with Django and deployed online. This website utilizes the LINE Login API for user authentication and the ECPAY API for processing payments.
- [URL Shortener API](#): This API creates and manages shortened URLs, providing automatic redirection to the original URLs. It is built with FastAPI, PostgreSQL, Redis, and Base62 encoding for URL generation.
- [Portfolio website](#): My portfolio website showcases my coding skills, built with *React* and deployed on GitHub Pages.
- [python-docs-zh-tw](#): Contributed to open source with 118N [pull request](#) for Python documentation.
- Stackoverflow answer: [Answer question](#) about *Django* pagination on Stackoverflow .