HONG WEI, SIEW

FULL STACK WEB ENGINEER

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🐙 https://github.com/hwsiew

🌐 https://hwsiew.github.io/

in https://www.linkedin.com/in/hw-siew/

https://stackoverflow.com/users/5150558/hw-siew

SKILLS SUMMARY

●●●●● Javascript

●●●●○ ReactJs

●●●●○ Typescript

●●●●● NodeJs

●●●●○ Git

●●●●○ Docker

●●●●○ ExpressJs

●●●●○ Python

●●●●○ Django

●●●○○ MongoDB

●●●○○ Linux

●●●●● WordPress Development

CERTIFICATION

🔖 Google IT Automation with Python Specialization by Coursera (T4QKF23F4Y8D)

PERSONAL PROFILE

I am an experienced Full Stack Web Engineer with holistic knowledge of software design and development. Since 2015, I have participated in various small to large-scale web developments. This includes multilingual & multi-regional web applications. I am familiar with the end-to-end web development processes. Including but not limited to Nginx as reverse proxy, Express for REST API development, custom design system using Storybook.js, React for front-end, Webpack+Babel for application bundling, Jest for unit testing, Cypress for e2e testing, docker for image building, Github workflow for CI/CD pipeline, and AWS/GCP for application deployment.

I have also experience in algorithm design with proven track records and publications. I am a self-motivated and self-taught professional who likes to solve problems.

WORK EXPERIENCE

Frontend Engineer

foodpanda | Oct 2021 - Present

- Maintaining corporate features in the foodpanda/foodora web across countries
- Leading project to deprecate a legacy back-office and migrate it over to an internal portal
- Leading project to develop an admin dashboard from scratch

Research Engineer

Multimedia University | Jan 2019 - March 2021

- Collaborated with the largest ISP in Malaysia
- Design and develop algorithms for network migration
- Integrate the proposed algorithms into next-gen network operation and monitoring systems.
- 1 patent had been filed

Full Stack Web Engineer

Treazpass Advertising Sdn Bhd | Jan 2017 - Dec 2018

- Web application development as per client requirements. A number of mid-scale projects were completed using various technology stacks.

EDUCATIONAL HISTORY

Multimedia University

Masters of Science | March 2013 - July 2015

- Major in Information Technology
- The thesis involved studying security vulnerability in All-Optical Network and proposed various algorithms to detect the location(s) of attack.

Multimedia University

Bachelor of Computer Science | Jun 2009 - Nov 2012

- First Class Honors with CGPA: 3.91/4