Yonghong Tan

Software Engineer

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SKILLS

PROGRAMMING

Proficient:
JavaScript • HTML • CSS • Python

Experienced:
SQL • C# • MATLAB

Familiar:
Flutter • Swift

LIBRARIES/FRAMEWORKS

Angular • React • jQuery • Node.js • ASP.NET Core

TOOLS/PLATFORMS

Git • Azure DevOps • Heroku • WordPress • Gulp • Storybook

EDUCATION

TOKYO INSTITUTE OF TECHNOLOGY

MASTERS OF ENGINEERING

April 2018 - March 2020 | Tokyo, Japan
Global Engineering for Development, Environment and Society
Best Presentations Award of Master's Thesis

UNIVERSITY TENAGA NASIONAL

BACHELOR OF ELECTRICAL ENGINEERING

September 2012 — August 2016 | Tokyo, Japan
School of Engineering
CGPA: 3.95 / 4.0

CERTIFICATIONS

→ Microsoft Certified: DevOps Engineer Expert
→ Microsoft Certified: Azure Developer Associate
→ Japanese Language Proficiency Test N1

LANGUAGES

Native:
Chinese • Malay

Fluent:
English • Japanese

INTRODUCTION

I am a full-stack capable frontend developer specialized in JavaScript technology stack including React, Angular, and Node.js. Also proficient in Python. I am very passionate about web and mobile development and taught myself how to code. Fluent in 4 languages, a good communicator and a writer on Medium with more than 100k views.

EXPERIENCE

AVANADE | FULL STACK SOFTWARE ENGINEER

June 2021 – Present | Tokyo, Japan

→ Participated in several development projects as a versatile frontend developer, mainly using Angular, HTML, CSS in the frontend and C#, SQL in the backend.
→ Built an internal tool using Node.js and Puppeteer to automate QA process by taking screenshots of 70+ pages and storing them in client's document management system.
→ Was able to utilize my language abilities to efficiently liaise with offshore members from Philippines and China in managing tickets and knowledge transfer processes.

SOFTBANK | NETWORK ENGINEER

April 2020 – May 2021 | Tokyo, Japan

→ Involved in HAPS (High Altitude Platform System) wireless system and payload development.
→ Created a VBA macro to calculate atmospheric attenuation for link budget design.
→ Performed analysis of telemetry data obtained from stratospheric test flight.

PROJECTS

STOCK SYMBOL API & PYPI PACKAGE | PYTHON, NODE.JS, MONGODB

2022

→ Created a RESTful API service written in Node.js and a PyPI package to provide a list of stock symbols from all major stock exchanges across various regions and markets.
→ Utilized GitHub Action to automate the data scraping process and keep database updated periodically.
→ https://github.com/yongghongg/stock-symbol

ASJA WEBSITE RENEWAL | HTML, CSS, WORDPRESS

2022 - Present

→ Worked closely with the stakeholders of Asia Japan Alumni International (ASJA) organization in their website renewal project as a frontend coder.
→ Understood the business requirement and came up with appropriate designs.

JAPANESE DICTIONARY & QUIZ APP | SWIFT

2021

→ A Japanese dictionary app that records history of searched words and lets users take a quiz on the searched words.
→ https://github.com/yongghongg/Japanese-Dict-Quiz-App