GARY YAU

FULL STACK DEVELOPER

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MAIN OBJECTIVE

Tokyo-based full-stack developer, originally from England. Experienced with Ruby, HTML, CSS, JavaScript, Typescript, React, SQL and more. Enjoys using Ruby and Ruby on Rails due to Ruby's clean syntax, RuR's opinionated MVC pattern and great TDD tools like Rspec.

Also using React with Typescript and Next.js due to the reusability of components, the virtual dom and Next.js's many development advantages. Able to effectively self-manage during individual projects as well in a team setting. Looking for an ambitious, diverse, inclusive and growth-orientated environment.

SKILLS

Languages: Ruby, Javascript, SQL
Technologies: Ruby on Rails, React, Redux, Typescript, Next.js, Firebase/Firestore, Postgresql, Git, Heroku, Figma, Bootstrap, AJAX, Material UI, JEST, React Testing Library, Rspec

PROJECTS   Portfolio page: garyyau.me

Covid19 travel restrictions

A **Next.js** web application that uses **Amadeus API** to who travel restrictions from and to different countries. Ongoing project with four other members.

- Project Manager, research and handling **firebase** hosting and **cloud firestore.**
- Using Material UI to create a uniform and aesthetically pleasing components.
- Established a CI/CD pipeline with **Github Actions** with **Jest** testing.

Ameowi   ameow.co.uk

Migrating Ameowi.com, an online store that sells resin jewellery, from WordPress to a **Rails API** and **React.js** web store.

- Solo Project with a need to communicate effectively and efficiently with an overseas client.
- Implementing **stripe** for monetary transactions.

Chirpy

A **Ruby on Rails** web app designed for parents to shield their children from negative content with help from IBM's Tone Analyzer API.

- Lead developer on the Chirpy **chrome extension** that sends content from the DOM and receives a response from the Chirpy API using **JavaScript, Fetch API** and **JSON**.
- Adjusted **chrome extension** from manifest v2 to v3 to comply with Chrome web store requirements and successfully published.
- Created an algorithm to parse **JSON** responses from IBM to input stats into our database.

Two Bridal

A **Ruby on Rails** marketplace app for finding and hiring wedding dresses.

- Created a pricing algorithm in **JavaScript** for the precise pricing of each dress that dynamically renders.
- Created responsive and aesthetic pages with **HTML**, **CSS**, and **Bootstrap**.

EXPERIENCE

Mamoru - Frontend developer   April 2022 - Present

- Volunteer frontend developer working on Mamoru web app dealing with bug fixes, features and testing in **React**, **JEST**, **React testing Library**, **HTML**, **CSS** and **JavaScript**.
- Collaborate in a large team with weekly meetings held for task delegation and discussion.

Le Wagon Tokyo - Teaching Assistant   March 2022 - Present

- Assistant Teacher to multiple classes of students. Teaching **Ruby**, **Ruby on Rails**, **HTML**, **CSS**, **JavaScript**, **SQL**, and best practices for writing clean code.

Berkeley House - English Instructor   April 2017 - March 2022

- Senior instructor dispatched to high profile clients such as Itochu, Honda, DNP, Eneos, Hitachi, SDF and Hosei University.

Aeon - English Instructor   February 2015 - March 2017

Avadis & Co - Legal Intern   May 2014 -November 2015

BG Solicitors - Legal Intern   September 2013 - March 2014

EDUCATION

Le Wagon Tokyo   September 2021 - March 2022

    24-week part-time Web Development Bootcamp

Bachelors of Laws, Nottingham Trent University   September 2010 - July 2013