

# GARY YAU

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Full Stack Developer

garyyau080@gmail.com

## SKILLS:

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**Backend:** Ruby, TypeScript, Elixir, Liquid

**Frontend:** HTML, CSS/SCSS, JavaScript, Tailwind, Bootstrap, StimulusJS, React

**Frameworks:** Ruby on Rails, Phoenix LiveView, Next.js

**Database:** SQL, PostgreSQL, SQLite, ActiveRecord(ORM), Ecto(DSL), GraphQL

**Testing:** RSpec, Jest, Vite, ExUnit, Playwright, Cypress

**Other:** Git, GitHub, Figma, Slack, Notion, AWS, Linear, Cloudflare

## WORK EXPERIENCE:

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### LeWagon Tokyo

#### Lecturer and Lead Teacher | December 2024 - Present

- Delivered comprehensive instruction in full-stack web development (**Ruby, Ruby on Rails, HTML, CSS, JavaScript, SQL, PostgreSQL, SQLite, Heroku** deployment, clean code best practices) to cohorts of 20-25 students.
- Led and coordinated a teaching team, fostering clear communication and ensuring alignment on instructional goals and student outcomes.
- Fostered an inclusive and collaborative learning environment for a diverse student body and teaching staff.
- Mentored and trained new teaching assistants, guiding them in effective student support techniques, including socratic questioning.

### Team Lunarix

#### Full Stack Developer | June 2022 - December 2024

- Developed and implemented features using **Phoenix (Elixir), React, TypeScript**, and **Playwright** for the **easyPoints** application, serving over 400 merchants and millions of users.
- Collaborated in a two-person team to enhance and transition the **Smapify** application (Smaregi-Shopify data sync) from closed beta to public release.
- Enhanced and maintained **Lunaful**, an in-house fulfillment application built with **Phoenix LiveView**, processing thousands of monthly sales supporting over \$10,000,000 in annual revenue.
- Evaluated and recommended **AWS** services to enhance infrastructure supporting Phoenix-based applications.
- Initiated and implemented a QA review process, increasing test coverage by 27% within 3 months and contributing to an 8% reduction in customer support reports over the following 3 months.

## **LeWagon Tokyo**

### **Teaching Assistant | March 2022 - December 2024**

- Provided hands-on instructional support to cohorts of 20-25 students learning foundational web development (e.g., **Ruby, JavaScript, HTML/CSS, SQL**).
- Assisted students with debugging code, understanding core concepts, and completing project-based assignments.

## **Mamoru**

### **Frontend Developer | April 2022 - June 2022**

- Contributed to the Mamoru web application by developing new features and resolving bugs using **React, JavaScript, HTML, and CSS**.
- Implemented unit and integration tests using **Jest** and **React Testing Library** to ensure code quality and application stability.

## **British Football Academy Youth Coach**

### **Football Coach | September 2018 - March 2022**

- Assisted head coaches in session planning and management while providing direct coaching to youth players on football technique and strategy.
- Communicated player progress and development points effectively with parents.

## **Berkeley House**

### **ESL Instructor | April 2017 - March 2022**

- Developed and delivered customized English language curricula and instruction for diverse corporate and university clients (e.g., Hitachi, Honda, Itochu, Hosei University, Tokyo Woman's Christian University, Dai Nippon Printing).

## **Aeon Japan**

### **ESL Instructor | February 2015 - March 2017**

- Delivered English language instruction (conversation, grammar) to diverse students across various ages and proficiency levels.

## **BG Solicitors**

### **Legal Intern | June 2014 - September 2014**

- Assisted legal staff by observing client meetings, taking detailed notes, and drafting initial legal documents (e.g., Special Damages, Claim Forms).

## **Avadis and Co**

### **Legal Intern | March 2014 - May 2014**

- Enhanced my understanding in the practical legal environment, especially in relation to family law.

## **EDUCATION:**

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### **LeWagon Tokyo | September 2021 - March 2022**

Web Development Bootcamp

### **Nottingham Trent University | September 2010 - July 2013**

Bachelor of Laws