Louisa Wong

A full-stack developer who is dedicated to learning, and finding creative ways to problem-solve. Driven to create beautiful, responsive, and intuitive web and mobile-based applications in the JavaScript ecosystem.

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EXPERIENCE

Guiker Solutions — *Intermediate Full-Stack Software Developer*

REMOTE   AUGUST 2021 - PRESENT

- Built a notification system by integrating **Twilio** and **MongoDB time-series triggers** to send out SMS notifications
- Improved the product's payment system by integrating **Stripe API** and **webhooks** to facilitate company objectives, including expansion into the US and incentivizing collaboration with agents, tracking and fulfilling **600 monthly transactions**
- Planned, implemented, and maintained various micro-services, utilizing serverless-framework to deploy code to perform product and business logic onto cloud services (**AWS Lambda** and **EventBridge**)
- Built multiple **micro-frontends** for product features including a one-click rental application flow that reduced the application funnel time by 20%.

Stack: TypeScript, React, MongoDB, Mongoose, MySQL, Sequelize, AWS

Fitome — *Software Developer*

REMOTE   MAY 2021 - AUGUST 2021

- Worked with a remote team of 4 engineers to build a fitness **video-based PWA** application with a mobile-first approach
- Developed a video chat feature using **SimplePeer** and **Websockets** to connect and display webcam feed, as well as enabling users to collaboratively control a stopwatch overlay with edit and stop/play functionalities

Stack: React, Next.js, Redux, Express.js, Sequelize, Postgres, Websockets, Firebase, Heroku

PROJECTS

Plantiful— *Web Application for plant trading*

- Designed and implemented a web-based application from ideation to deployment with a high focus on **seamless user experience**, optimized for both desktop and mobile devices
- Aimed to solve the pain points for plant lovers to find unique plants to sell or trade nearby using **geolocation features**

Stack: React, Next.JS, Redux, Redux Thunk, MongoDB, Mongoose, Firebase

EDUCATION

LANGUAGE

JavaScript | TypeScript | SQL | Node.js | Python | HTML | CSS

FRAMEWORKS/TOOLS

React | Next.js | Redux | jQuery | Express.js | Websockets

DATABASE

MySQL | Sequelize | Postgres | MongoDB | Mongoose

SYSTEMS

AWS | Heroku | Firebase

DESIGN

Adobe Creative Suite (InDesign, Photoshop, Illustrator)

EDUCATION

Codeworks, Toronto
Immersive Software Engineering
FEBRUARY 2021 - MAY 2021

Wilfrid Laurier University, Waterloo
Honours Bachelor of Business Administration (BBA)
SEPTEMBER 2013 - AUGUST 2017

University of Waterloo, Waterloo
Computer Science – Extra Credits
SEPTEMBER 2013 - AUGUST 2017