Louisa Wong

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WORK EXPERIENCE

Guiker Solutions Inc.   **Remote - Montreal Office**
Intermediate Full-Stack Software Developer   *August 2021 - Present*
- 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 leasing agents, tracking and fulfilling 600 monthly transactions
- Built a notification system by integrating Twilio and MongoDB time-series triggers to automate emails, in-app and SMS notifications
- Planned, lead, implemented, and maintained various micro-services, utilizing serverless-framework to deploy code to perform product and business logic onto cloud services (AWS Lambda and AWS EventBridge)
- Built multiple micro-frontends for product features including a one-click rental application flow that reduced the application funnel time by 20%.
- Completed a full rebranding of the web application along with two company acquisitions. Mentored and onboarded new members into our team.
- Launched the latest product, a real-estate fractional ownership system, that prioritizes secure transaction and accuracy utilizing MongoDB transactions and integration with TransferWise.

Tech Stack: TypeScript, Node.js, React, MongoDB, Mongoose, MySQL, Sequelize, AWS, Jest

EXPERIENCE

Fitome   **Remote**
Full-Stack Developer   *May 2021 - August 2021*
- Built from scratch a fitness video-based PWA application with a mobile-first approach
- Worked remotely with the engineering team of 4
- Developed a video chat feature using SimplePeer and WebSocket to connect and display webcam feed, as well as enabling users to collaboratively control a stopwatch overlay with edit and stop/play functionalities

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

Plantiful   **Remote**
Creator   *May 2021 - August 2021*
- Designed and implemented a social media web-based application from ideation to deployment
- Optimized experience 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

Tech Stack: React, Next.js, Redux, Redux Thunk, MongoDB, Mongoose, Firebase

EDUCATION

Codeworks   **Toronto, ON**
Immersive Software Engineering   *May 2021*

Wilfrid Laurier University   **Waterloo, ON**
Honours Bachelor of Business Administration (BBA)   *September 2013 - August 2017*

University of Waterloo   **Waterloo, ON**
Computer Science - Credits   *September 2013 - August 2017*

Languages	JavaScript, TypeScript, SQL, Node.js, Python, HTML, CSS
Framework/Systems	AWS, React, Angular, Next.js, Express.js, WebSocket, Firebase, Heroku
Database	MySQL, Sequelize, Postgres, MongoDB, Mongoose