

# Julie Meng Han

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Fully authorized to work in the US. No visa sponsorship required.

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## TECHNICAL SKILLS

**Programming Languages:** JavaScript, Typescript, Python, HTML, CSS, SQL

**Frameworks:** React, Express, Flask (Flask-WTF, Flask-SQLAlchemy, Blueprint, Jinja, unittest)

**Libraries & Tools:** NodeJS, PostgreSQL, Jest, Jasmine, jQuery, AWS S3, Git, Github, Figma, Bootstrap

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## SOFTWARE ENGINEER EXPERIENCE

### Software Engineer Intern

September 2022 – October 2022

*Numbers API (Rithm School)*

*Remote*

- Overhauled a public API's legacy codebase to v2.0, using Flask, Python & modern design standards
- Developed high quality production-ready code in an agile project environment, following best practices for git versioning, PRs, code reviews and source code management and ensuring high test coverage
- Solved 4 issues, collaborating cross-functionally to re-engineer routes & automate tasks using Blueprint & Cron
- Debugged application components and identified areas of code defects and potential risks for remediation

## TECHNICAL PROJECTS

### ShareBnB — a booking app

[Live Demo](#) | [Github](#)

- Created an Airbnb-inspired space sharing web application following RESTful API principles and TDD, using JavaScript, React, Express, Node and PostgreSQL
- Measured progress and budgeted accurate feature estimates to ensure on-time deliverables

### Jobly — a job board app

[Live Demo](#) | [Github](#)

- Created a job application site built on a stateful React frontend and Node/Express/PostgreSQL backend
- Focused on test-driven development, test coverage, API design and component design

### Warbler — a micro-blogging app

[Live Demo](#) | [Github](#)

- Created a Twitter clone using Python, Flask, SQLAlchemy, and leveraging Bootstrap and Jinja for templating
- Overhauled an existing base application: navigating the codebase, fixing bugs, testing, and extending it with new features

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## ADDITIONAL WORK EXPERIENCE

### Co-Founder & CEO

March 2017 – March 2020

*Airix Solutions*

*Montréal, QC, Canada*

- Created, launched, and led Airix, a Canadian pharmacy medication management and patient interfacing mobile app startup, with the goal to improve patient pharmacy service accessibility
- Designed and built a brick-and-mortar tech-enabled pilot pharmacy from the grounds up
- Secured contracts and permits with pharmacy distributors, legislators, and partners
- Raised capital and procured mentorship opportunities with private investors, BMO, BDC and Futurpreneur
- Recruited and hired >15 employees and contractors (incl. marketing managers, UX/UI designers, engineers) through product stage and launch

### Clinical Pharmacist

August 2012 – December 2018

*Gregoire Arakelian Pharmacies (Costco)*

*Brossard, QC, Canada*

- Oversaw & trained a team of 10 pharmacy support staff, upholding exemplary standards in healthcare practice
- Spearheaded the creation of local registries, decision-making tools, guidelines, and documentation, improving workflow efficiency and patient care

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## EDUCATION

### Rithm School

June 2022 – October 2022

Full Stack Web Development Bootcamp

*San Francisco, CA*

### Université Laval

Bachelor of Pharmacy

*Quebec City, Quebec, Canada*