

LinkedIn: [linkedin.com/in/iamharryliu](https://www.linkedin.com/in/iamharryliu)

Github: github.com/iamharryliu

Personal: harryliu.design/links

Harry Liu

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I am an experienced full stack developer who has worked with corporate level applications at all phases of product development having seen projects from scratch to deployment. I am an enthusiastic developer and have a knack for finding innovative ways to get things done. I am a very strong independent worker who can adapt quickly to a new environment but also an excellent team player who understands the needs and wants of his team. I am seeking a position that will utilize my experience and knowledge to produce quality products.

Work Experience

Capco

2019 - 2023

Fullstack Web Developer at Top 5 Canadian Bank

- Recreated and modernized legacy mobile and browser banking applications using Ionic/Angular and Express frameworks to build a cross mobile banking application experience.
- Designed and implemented login related infrastructure/features such as user challenge authentication, one time password login/authentication and session management.
- Created application test environments for dev and QA use.
- Trained junior and intermediate developers giving onboardings, knowledge transfers, and dev support.
- Developed reusable global UI components to be consumed by other banking applications.
- Implemented effective state management patterns with NGRX, Redux, RXJS patterns to improve quality of work for fellow developers and state consistency.

Frontend Web Developer at Top 5 Canadian Bank

- Developed React POC code for real estate application that allows users to view property details and street views.
- Assisted in design architecture of application and deciding development patterns and solutions that the team should use for the project.

IVR Phone Application developer at Top 5 Canadian Bank

- Modernized phone system through development of new phone IVR system to handle incoming bank calls.
- Wrote comprehensive unit testing suites to cover feature capabilities using Jest test framework.
- Supported QA teams through Python automation scripts to cut down time spent doing manual tasks such as log retrieval by developing scripts to handle parsing and sorting of logs for analysis by QA team.

Education

Self Taught Software Development

Web Development

Ryerson University, Toronto, Ontario (September 2013-August 2017)

Transportation Engineering - Bachelor of Engineering

Technical Skills

Programming Languages: Typescript(strong), Javascript, Python (strong)

Frameworks: Angular, Ionic, React, Express, Django, Flask, Node

Tools: REST API Design, RXJS and NGRX library, MongoDB (NoSQL), PostgreSQL (SQL)

Technical Experience

Personal Website - <https://harryliu.design/>

- Personal website for portfolio, hobby, and development testing purposes.
- **Technology stack:** Angular (frontend app), Tailwind (UI design), Express (backend app), NoSQL MongoDB (database), Node (scripting), deployed using Cloudflare and FlyIO

Vibecheck Lite - <https://harryliu.design/projects/vibecheck-lite>

- Vibecheck Lite is a functional fashion-weather lifestyle tool to assist the user in deciding what to wear for the day based on the weather.
- **Application stack:** Node (scripting), Location services, Weather API, Chat AI API