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Hi, I'm **Leo**, and I am a full-stack software engineer that specializes in **Swift** frontend and **Haskell** backend, and although my professional background is mostly mobile, I am looking to move more heavily into the Haskell side of things.

I have been using Haskell for all of my personal coding for almost 8 years - for **automation**, **scripting**, and my own research into **distributed data structures.** I am an **active** member of the Haskell community, *in good standing*, and I try to help others by answering questions, as often as I can. I also contribute to the Haskell corpus with the development of my **birecursion-schemes** library: https://github.com/apotheca/birecursion-schemes

On the mobile side of things, I've been building **world-class experiences** for over a decade - from *TV streaming apps and comic book readers*, to *smart IoT devices and food e-commerce* - and I know how important it is to have **maintainable, reliable code**. I am experienced in the **entire application life-cycle**, and can help you build an app that is **stable, easy to maintain, and user-friendly.** I practice both **development** and **leadership**, and make it my goal to be a *force-multiplier* for any team - with a demonstrable record of quality results.

My most recent work to be released to the App Store is the **Whole Foods Market** app (https://www.wholefoodsmarket.com/app) where I lead the development and implementation of their first native iOS feature, **Order To-Go in-app purchasing**. This project was highly successful, and was released over a year ahead of schedule due to my efforts.

My past **development** responsibilities have included:

- Turning UI and UX designs into functional components.
- Consuming RESTful JSON APIs over HTTP / TCP / Websockets / Bluetooth.
- Developing networking, streaming video, and e-commerce features.
- Integrating with user accounts, authentication, and sign-on mechanisms
- Automating portions of the development process with shell scripts.
- Managing source code with GIT source control.
- Submitting applications to the App Store review and release process.

My past **leadership** responsibilities have included:

- Partnering with other teams to create clear lines of communication.
- Advising on best design principles and interface guidelines.
- Leading architecture and development decisions for new features.
- Mentoring other team members on development and best practices.
- Tracking tasks in JIRA or other project management and bug-tracking software.
- Conducting tech spikes to study the feasibility of new ideas.
- Reviewing interface mockups from the design team / members.
- Defining testing requirements and implementing unit tests to control quality.
- Maintaining source control, code signing, and CI/CD pipelines.
- Reviewing pull / merge / code requests from other team members.

If you're interested in a well-rounded engineer, get in touch! Check out my website - I built and host it myself, and it is where I post my blogs - https://apotheca.io/about.shtml