



Claude Houle  
[claudehoule@icloud.com](mailto:claudehoule@icloud.com)

[choule99.github.io/me](https://github.com/choule99)  
[linkedin.com/in/choule99](https://linkedin.com/in/choule99)  
Montreal - South Shore

I am a Senior Mobile Software Engineer with over 21 years of hands on experience in the development of iOS mobile applications. I am passionate about making great mobile application for end users, and make a difference in their daily lives through a great user experience.

## Tech Skills

### *Programming Languages:*

- Swift / Objective-C
- Java / Kotlin

### *Library & Frameworks:*

- SwiftUI, UIKit
- iOS, MacOS, VisionOS
- Combine, RxSwift
- CoreLocation, MapKit
- CoreData, Swift Data
- AVKit, Core Image
- Core Animation

### *Design Patterns & Principles:*

- MVVM
- MVC
- REST API Design
- Mobile UX Design
- Software Architecture

### *Development Tools*

- Xcode
- Git
- Swift Package Manager

### *Quality & Testing*

- XCTest / XCUITest
- Snapshot Tests
- SwiftyMocky

### *DevOps & Automation*

- Github Workflows
- Sentry
- LaunchDarkly

### *AI Tools:*

- Alex for XCode
- Claude Code
- Warp.dev

## Notable projects & Achievements

### **Poka Vision for Apple Vision Pro**

After the official availability of the VisionOS SDK, I lead the initiative of creating a prototype of a Vision Pro application that eventually got presented directly to Apple for the opportunity of receiving a Vision Pro Development kit.

The Apple folks were so impressed by what we were able to achieve in the short amount of time we had, they granted us a Development Kit, which allowed us to release the 1st ever Connected Worker Solution for the Vision Pro.

### **Poka for iPad, iPhone and Mac Catalyst**

Implemented a series of refactoring and processes that increased the iOS development team productivity, overall quality, and general end-user satisfaction. As a result, the iOS team became the most productive team at the company.

### **Integration of a new Sri Lankan iOS Development Team**

Successfully onboarded and integrated a team of Sri Lankan developers into our organization, ensuring a seamless transition and alignment with company standards and practices.

Fostered a collaborative work environment by bridging cultural gaps and promoting mutual understanding, which improved team dynamics and performance.

Designed and implemented a detailed training curriculum tailored to the unique needs and skills of the Sri Lankan developers, accelerating their productivity and contribution to the team.

## Mobile Development Experience (15 years)

10/2021 - Present      Poka Inc.      Architect, Lead iOS, Lead VisionOS

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Lead the iOS Team on multiple applications, including development, analysis, documentation of various development efforts throughout the SDLC:

- Performed Research & Development for new technologies and concepts relating to iOS and Vision OS.
- Established effective communication protocols and tools that facilitated clear and efficient collaboration between the different departments including Product Manager and UX Designers.
- Conducted individual mentoring sessions to support team members' professional development, offering personalized guidance, feedback, and support that improved performance and career growth.
- Hosted regular lunch & learn sessions to promote continuous learning and knowledge sharing within the team. These sessions covered a wide range of topics, enhancing team skills and fostering a culture of ongoing education.
- Created development tools for the development team to turbocharge their productivity
- Managed the CI/CD Pipeline on MacStadium.
- Managed the automated deployment on the App Store.

11/2019 - 10/2021      AppCom      Lead iOS Developer

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Lead the iOS Team on multiple projects, including development, analysis, documentation of various development efforts throughout the project(s).

Relevant apps for which I lead the development / maintenance:

*Metro & Moi, Super C, FoodBasics, Abbvie Maviret, WKND Radio, BLVD Radio, Le Devoir, Biodôme de Montréal, Christies Luxury Art, BeautéStar, MPN Genie, Amigo Express, TaxiCoop, Technic and iQuad.*

11/2013 - 11/2019      Spiria Digital      Senior iOS Developer, Architect

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Responsible for creating the initial architecture of the software projects and update them based on the evolving requirements of the customers as they were communicated to the development team.

Relevant apps for which I lead the development / maintenance:

*CAE PreStudy Application, Bookjane, Payfare DiDi / Lyft, Skillable App, Acosta SL Touch*

10/2009 - 10/2013      8D Technologies      iOS Developer

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Responsible for the development, analysis, testing, and documentation of the Spotcycle iOS Application, and the Solstice Mobile Application for iOS.

Implemented the first ever Augmented Reality Bike Sharing Finder by combining the Live Camera Technologies with Core Location.