

Ryan Renna iOS Focused Mobile Developer

Mississauga, Canada
EST: UTC-05:00 | EDT: UTC-04:00
C +1 416-388-9545
rrenna360@gmail.com

Latest Projects

Mark43 OnScene

Mark43

Mobile CAD (computer aided dispatch) app for police departments across the US.

- First iOS hire, took ownership of design and architecture for mission-critical application.
- Wrote web socket based real-time system architecture.
- Relied on background processing and location services to provide real-time officer location tracking.

SalesLink/ServiceLink Flex

Uptake

Mobile companion apps to web CMS popular at Caterpillar dealers.

- Wrote reusable UX, data layer and authentication libraries to share between applications.
- Integration with on-board electronic logging device (ELD) and GeoTab backend services.

Called It!

Called It!

Backed by Binary Capital. Social network focused on user created video predictions. Featured in App Store multiple times in News section.

- Large video encoding and filter rendering components.
- Lead all mobile development efforts.

Forces

Offblast Softworks

Popular self-published native app for iOS and Android for managing and rendering .ros and .rosz files used for list-building in most tabletop skirmish and war games.

- SwiftUI and Jetpack Compose used for native front-ends for "true to HIG (human interface guidelines)" UX.
- Kotlin Multiplatform used to write shared libraries for view model and data access logic.

Key Skills

- Swift | SwiftUI
- Objective-C | UIKit
- Kotlin | Jetpack Compose
- Kotlin Multiplatform Mobile

Achievements

- Participated in the Launch Festival in San Francisco to launch Instaradio
- Wrote the original GO Transit iOS app
- Wrote the original Hockey Canada iOS app
- Trained BlackBerry developers in Toronto, Mexico City and Buenos Aires
- BlackBerry 10 Dev Alpha participant, award winner and certified trainer

Education

2010

BSc Computer Science

Brock University
St. Catharines, Canada

- Graduated with honours
- Emphasis on Artificial Intelligence with Neural Networks
- ACM Competition 2010 contestant

2007

Advanced Diploma Computer Science

Sheridan College
Oakville, Canada

Experience

2021-Current

Senior Mobile Developer iOS (IC4) Mark43

Remote | New York City

- Spearheaded development of iOS app which took web CAD (computer aided dispatch) workflows and real-time maps and brought them to the handheld form-factor.
- Used CoreData for persistence layer, web sockets for real-time network communication and heavily relied on iOS location services for tracking.

2017-2021

Senior Mobile Developer Uptake

Toronto

- Led iOS development for dealer focused B2B applications.

2016-2017

Senior Mobile Developer Called It!

Toronto

- Led iOS development for prediction-validation focused social network.

2013-2016

Senior Mobile Developer / CTO Instaradio / RAUR

Toronto | San Francisco

2012-2013

Consultant New Toronto Group

Toronto

- Partnered with Research in Motion to develop and present training material for the BlackBerry 10 platform in North and South America.

2010-2012

Team Lead Mobile Development TenFour Labs Inc.

Toronto

- Led iOS developer for music oriented startup which launched at SXSW 2011.

2009 - Current

Founder Offblast Softworks

- Self-published over a dozen iOS, Android and OS X applications.

Published Mobile Apps

* No longer publicly available

* ** B2B application

2021

Mark43 OnScene | Forces

2019

NXM App** | SalesLink Flex | ServiceLink Flex | Flexco

2018

Uptake ELD | SalesLink Touch**

2017

Called It!*

2016

Addictive Mobility Showcase | RunningMan Wannabe*

2015

RAUR* | jSign** | House on the Hill | PACGC

2014

Imperium | Dragon Rune | SinglePic*

2013

Instaradio* | TORCodex* | iGo Toronto*

2012

TenFour* | Sizzle* | App Snap

2010

Hockey Canada Mobile