Ryan Renna iOS Focused Mobile Developer

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Latest Projects

Mark43 OnScene
Mark43 - NYC (Remote)

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 - Toronto

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! - Toronto

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.

Instaradio/RAUR
Instaradio - Toronto

Presented at the 2013 Launch Festival. Extreme Startups Spring 2013 Cohort. Instantly creates an online radio station. Over 50k active users at peak, featured in App Store in Music section.

- Major live audio streaming component written in Objective-C and C++.
- Responsible for Multiplatform mobile architecture.

Key Skills

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

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

Experience

2021-Current
Senior Mobile Developer iOS (IC4) Mark43
Toronto, Canada / Remote
- Spearheaded develop of iOS app which took web CAD (computer aided dispatch) workflows and real-time maps and brought them to 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
Mississauga, Canada
- Led iOS development for dealer focused B2B applications.

2016-2017
Senior Mobile Developer Called It!
Toronto, Canada
- Led iOS development for prediction-validation focused social network.

2013-2016
Senior Mobile Developer / CTO Instaradio / RAUR
Toronto, Canada / Remote

2012-2013
Consultant New Toronto Group
Mississauga, Canada
- 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, Canada
- 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.

Education

2010
BSc Computer Science Brock University – St. Catharines, Canada
- Completed with an emphasis on Artificial Intelligence and Neural Networks
- ACM Competition 2010 contestant

2007
Advanced Diploma Computer Science Sheridan College – Oakville, Canada

Published iOS Apps

2021
Mark43 OnScene
Forces
2020
NXM App**
2019
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
* No longer publicly available
** B2B application
*** Mac App Store