

# Matthew Dolan

## iOS Software Engineer Vancouver, BC

778-322-8135 - mdolancode@gmail.com

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### Summary

An iOS software engineer with a passion for building user interfaces and customer-centric features while focusing on clean and testable code.

### Experience

#### Rivian Automotive, Software Development Engineer, iOS

December 2019 - December 2020, Vancouver BC

- Created UI module used for common UI elements, such as colours, fonts, and buttons.
- Built UI flow for the login handling for both confirmation and error handling.
- Set up app foundation using the coordinator pattern to manage view controller presentation.
- Utilized reactive framework Combine and the MVVM design pattern.
- Interacted with an API, parsed JSON with Codable for use throughout the app.
- Created user interface elements with Xibs and UIKit programmatically while utilizing Auto Layout.
- Worked with the design team while iterating on UI elements and styling to meet brand guidelines.
- Maintained Xcode build scripts.
- Utilized git for version control.
- Refactored code and eliminated unnecessary UI.
- Managed certificates and profiles in Xcode.
- Consumed external libraries using Cocoapods.
- Tested the app manually, wrote automation code, maintained Postman automation tests and analyzed the test results.
- Separately built a proof of concept using Swift, Objective-C, and React Native.
- Led scrum, daily stand-ups, retrospectives, sprint planning and demos.

**Technologies used:** Swift, Objective-C, UIKit, Combine, JSON, React Native, XCTest, MVVM, Coordinators, Bitbucket, Cocoapods, Fastlane, Jenkins, Homebrew, SwiftGen, SwiftLint.

#### Mountain Town Dev, Freelance Frontend Developer

February 2018 - November 2019, Vancouver BC

- Created websites for local artists to showcase their work and help them gain a web presence.

**Technologies used:** HTML5, CSS3, JavaScript, jQuery, Bootstrap, Wordpress.

#### Apple, Specialist

August 2011 - November 2019, Vancouver BC

- Worked as part of the team in a fast-paced environment where ambiguity and change were the norms.
- Actively listened to customers' needs and provided personal, education, and small business solutions.
- Facilitated device setups and workshops for customers.
- Troubleshoot customer devices and documented issues.
- Mentored new hires, and provided feedback to help them grow.

## **Vancouver School Board, Teacher Assistant**

June 2013 - November 2019, Vancouver BC

- Encouraged students with special needs to reach their goals set out in their individual education plan.
- Assisted students with learning technologies that include HTML, CSS, and Scratch.

## **Projects**

**Detroit 909**, A drum machine app that pays homage to Roland's TR-909 and Detroit Techno.

**Technologies used:** Swift, UIKit, AVFoundations, AVPlayer, MVC.

## **Technical Skills**

**Languages:** Swift, Objective-C.

**Frameworks:** UIKit, SwiftUI, Combine, Core Location, JSON, React-Native.

**Design Patterns:** MVC, MVVM, Coordinators, Delegate Design Pattern.

**Tools:** Xcode, Cocoapods, Fastlane, Jenkins, Git, GitHub, Bitbucket, Command Line, Homebrew, SwiftGen, SwiftLint.

**Other:** Apple Human Interface Guidelines, API, Object Oriented Programming, Object Oriented Design, Test Driven Development, Code Review, Continuous Integration, Agile Methodologies, Version Control.

## **Education**

**Langara College**, Educational Assistant Certificate

June 2013

## **References**

Available upon request.