





Beau Nouvelle

Full Stack Swift Developer.
Mac, TV, iOS, Server.

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02 - 2020
05 - 2019

Target Australia *Williams Landing, Target HQ, Melbourne VIC*

Lead iOS Developer

- iOS development, working on the customer facing Target Australia application.
- Complete rewrite of their CI/CD process including better management of dependencies. This reduced clean build times from 18min to 90sec.
- Full project clean. Removed unused legacy code and art assets reducing overall target app size by 75%.

09 - 2018
08 - 2016

LOKE Digital *Remote, Melbourne VIC*

Head of Mobile Development

- Created an internal customer payment and shopping cart SDK to improve merchant customisation and decrease development time.
- Migration of Objective-C to Swift.
- Responsible for ensuring both iOS and Android teams were always on track and met our deadlines for new features and releases.
- Setup automated Build-kite pipelines powered by Fastlane which decreased app store submission times by 3 days. This was previously a manual process with hundreds of apps.
- Guiding the team and direction of project. Running stand-ups and design meetings. Training.
- Hiring/Interviewing of new developers.

08 - 2016
06 - 2016

IBM *Southbank, Melbourne VIC (Contract)*

Lead iOS Developer

- Worked very closely with the City of Melbourne on an official app for Melbourne Spring Fashion Week 2016.
- UI/UX Design of the MSFW app.
- Implementation of location based beacon technology for in app competitions.

02 - 2016
06 - 2015

Reece Plumbing *Burwood VIC (Contract)*


Lead iOS Developer

- Oversaw the rewrite of an internal app that over 1000 delivery drivers use everyday to keep track of their deliveries, navigate, and inform customers of their arrival.
- Developed computer vision software for a stocktake app that could count copper pipes in their racks. This improved count accuracy by 30% and helped to reduce theft by 14%.
- Developed the My Account iOS app. This is a customer facing application where users can track deliveries, search for products, and place orders.
- Setup of our CI environment. OSX Server, Xcode Server.

06 - 2015
04 - 2014

Punters.com.au *CBD, Melbourne VIC*

Lead iOS Developer

- Developed the social networking and form guide app for Australian punters.
- Developed Watch version of the Punters app using Swift for the first time.
- Developed a FormGuide.framework for internal reuse on other iOS projects such as Best Odds, Punters, Form Guide, and their iPad counterparts, greatly reducing dev time in these areas.
- Company was later acquired by NewsCorp.
- Great job, but left due to moral concerns.

- Swift / C / Objective C / C#
- Core Data / CoreML / ARKit
- Unit Testing / UI Testing
- IB / Autolayout / SwiftUI / SnapKit
- UI / UX Design

- Photoshop / Sketch / PaintCode
- BuildKite / Travis / Fastlane
- Vapor
- Mathematics / Algorithm Design
- IoT - Arduino, Rasp Pi, etc.

Global Game Jam

"Debug"	2014
"Clay Together"	2015
"Ashore"	2016
"Dishes"	2017
"Message Received"	2018

Books *Author*

Simulations in Swift - Apress - 2019

Artistic Programming in Swift - Apress - 2020

Open Source

FaceAware

An extension that gives UIImageView the ability to focus on faces within an image when using AspectFill. 2200+ stars on Github.

SimpleCheckbox

The checkbox that's missing from UIKit. Small simple UIControl with limited customization and no animations.

DateTextField

Always thought the date picker was too slow and poor UX. Found it to be much faster and intuitive for users to just type in their dates. This project aims to help with that.

Personal Projects

flunky

Personal assistant chat app. Ask a friend a question and get an auto-response. "How far away are you?", "Are you busy", "Are you home?". Fetches data from a users calendar and geolocation all in the background.

Mustud

Music Study application for teachers and students. Create worksheets, diagrams and exams for music theory. Currently working on implementing AMEB exam content.

App Store Links

Punters (iOS,)

itunes.apple.com/app/id916114449

Best Odds (iOS)

itunes.apple.com/app/id696977856

Music Resources (iOS)

itunes.apple.com/app/id511267746

Music Resources (Mac)

itunes.apple.com/app/id552839449

Guitar Trainer (iOS,)

itunes.apple.com/app/id706625885

Ashore (iOS)

itunes.apple.com/app/id1081686907

Verby Nouns (iOS)

itunes.apple.com/app/id1098076437

Task Sorter (iOS)

itunes.apple.com/app/id1054858255

Key Degrees (iOS)

itunes.apple.com/app/id483525392

Mystery of the Lost Red Scarf (iOS)

itunes.apple.com/app/id890732956

Form Guide (iOS)

itunes.apple.com/app/id524913488

Tilling (iOS)

itunes.apple.com/app/id931345011

Fire Place TV ()

no app store link for TVOS.

Rainy Day TV ()

no app store link for TVOS.

Nature TV ()

no app store link for TVOS.

Trash Talker (iOS)

itunes.apple.com/app/id778247287

Trash Pack 2 (iOS)

itunes.apple.com/app/id645415594