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BRIAN ANDERSON - CV

Employment History

Commonwealth Bank July 2016 - December 2018

Senior iOS Engineer. Returned to CBA to contribute to their Commbank App, with over 3 million daily users. Was responsible for all iOS development of a new greenfield categorised transaction feature, and associated push notifications. This feature, designed to encourage financial wellbeing, was CBA's flagship offering for 2017. Development was using Swift 2 and 3, with integration into legacy Objective C code.

Sitter Solutions November 2015 - June 2016

Took over the ongoing development of an existing app - Mynder - which creates an online marketplace for child minding services. Refactored and rewrote much of the existing code, implemented a new visual design by working from artwork created in Sketch, and resolved a number of outstanding defects. The end result is a stable efficient app with an appealing UI and easy UX. Worked into Bitbucket using Atlasssian Source Tree, and communicated with the backend team and product owner via Trello and Slack.

Commonwealth Bank April 2015 - October 2015

Senior iOS engineer. Worked as part of a 4 person iOS dev team on the greenfield development of CBA's home buying app for iPhone. The app combines a property search / locate function with number of banking initiatives to facilitate a total home buying journey, from search, through to loan application approval and finally purchase. Implemented a number iof real time calculators in conjunction with a high performance json API to provide estimates of borrowing power, up front costs and repayment schedules. Worked in an agile - scrum environment alongside marketing, UX, visual design and backend teams. This was a substantial initiative involving over 100 contributors in total.

Telstra September 2014 - March 2015

iOS Team Lead, responsible for Telstra's flagship 24x7 iPhone and iPad products. A hands-on role split between Objective C design/coding and all aspects of technical team management. Includes liaison with stakeholders, OOM estimation, interfacing into Network Services, Visual Designers, UX and product management. Architected the next generation of the product. A lead-by-example style, giving advice and direction to some 18 iOS developers spread across Australia and off-shore.

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RSVP Agency South Africa May 2014 - July 2014

Developed an iPad app which handles registration of guests at conferences, trade shows etc. Scans QRB code on guest ticket or phone, validates via REST backend and admits guest.

Mat & More Cape Town Africa March 2014 - April 2014

Developed iPhone/iPad app in French, Afrikaans, Xhosa and English which assists children in the grieving process. App makes extensive use of audio assets, and includes a high degree of child-friendly interactive devices.

VML Advertisting Agency November 2013 – February 2014

Worked within a small team of creative, UX, backend and three iOS devs on a state-of-the-art iPhone app for Rip Curl. This product consists of a GPS-enabled watch which tracks surfs. The watch transfers data via BLE to the iPhone which in turn uploads to the cloud. This app won two Cannes Lions (Silver and Bronze) in the mobile category. This app differentiates itself in its technical scope and complexity, coupled with a stunning visual design. This contract was started in VML's Sydney office and finished in VML's office in Cape Town.

Orchard Marketing June 2012 – October 2013

Implemented and maintained new and existing range of iPhone and iPad proprietary apps for internal distribution to corporate customers. These apps were built on CoreData databases, updated from remote servers.

Developed a Bluetooth Low Energy ios app to integrate with a greenfield device for vetinary applications

Digital Turbine Asia Pacific March 2013 – June 2013

Implemented the mX iPhone app for News Ltd. This is a greenfield project to extend the mX newspaper brand into smartPhones. Worked closely with designers and management to build the app, which has won widespread industry acclaim.

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Fairfax Media April 2012 – July 2012

Four month implementation contract with Fairfax Media. Lead developer of a team to implement a universal app for the company's Drive.com.au product. This work involved the UI for both editorial and search functions, to enable users to read stories in a magazine-like environment, as well as performing full contextual searches for new and used cars. The app made extensive use of JSON to work into a SQL Server backend, and implemented a Restful mechanism to allow users to login to the company's servers to comment on stories, query car resellers etc. Project implemented on time and successfully published to the app store on the required target date.

Orchard Marketing March 2012

Executed a 4 week contract for the development of a universal iPhone/iPad app which allows medical workers to mine a large database of some 600,000 records of drug/organism efficacy (held efficiently within the iPhone). The app presents the results visually in a series of bar charts and histograms, and includes a number of filters to drill into and refine the searches. The projected consists of a two phase solution involving distillation of customer-supplied data by a winforms C# program, followed by display of the distilled results in the iOS app on the i-device. Project completed on time and within budget and to Orchard's entire satisfaction.

Everyplane.com.au: January 2010 – Present

Produced a suite of 6 commerical apps targeted at the aviation industry in Australia, USA, New Zealand, Canada, Netherlands and Ireland. The apps allow users to look up details of aircraft registration. Each app works into a SQL database which stores information for over 400,000 aircraft. The apps extract data using Microsoft web services, which is returned to the iPhone/iPad as an XML stream, and then formatted for onscreen display using Apple's iOS technology. All apps have achieved either 4 star or 5 star reviews.

Currently in the development phase of a substantial flight management system for the iPad, targeted at general aviation and corporate jets. Uses Airservices licensed VFR and IRF charts and airspace shape features. This product provides an electronic flight bag, coupled with GPS tracking and moving maps, and a flight planning and filing mechanism via NAIPS. Implemented with an SQLite in-device database, which contains all textual data as well as tiled navigation charts, created in Microsoft Windows, and downloaded over the internet into the device.

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Customer comments

"Consistently excellent work." – Damian Manion, CIO Harness Racing Victoria

"Exactly what we asked for, exactly when he promised it, exactly the price we agreed to. Exactly why we use Wavefront." – Adrian Fittolani, CTO Lizard Research

"A creative and resourceful thinker who is able to rapidly develop logical and innovative solutions to quite complex situations" – Dr Ross Wood, CEO Atex Asia Pacific

"OK, I'm seriously impressed. We've been seeing the website for months, but now that I'm getting exposure to how it all operates together (website and backend apps)… I am REALLY impressed and excited." – Sarah Blake, Director of Technology, West Texas Printing Company

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Personal

Health:	Excellent
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Interests and personal activities

Physical fitness. Keen sailor. Many mechanical and electronic interests. Passionate about all things to do with Aviation. Member of the Experimental Aircraft Association.

Private pilot of more than 20 years and holding Belgian, South African, US and Australian licences, with FAA instrument rating and Australian aerobatic endorsement. Current Australian aviation security clearance (ASIC). Part owner of a Cessna 182RG aircraft.

Personal Profile

A high energy level. Self motivated and well organised. A strategic planner, with a formal, converging approach to project management. A critical eye for detail, and strong analytical skills. Work history is an equal mix of small business and corporate. A team player and a respected team leader. Personal style is to lead by example. Excellent written and verbal communicator. Equally at ease in technical, sales and marketing environments.

Publications, speaking roles, presentations

Accomplished technical writer. Analytical articles have been extensively published in Australian Personal Computer and Desktop Publishing magazines. Other articles have appeared in PANPA journal and Australian Printer.

Frequent speaker at Seybold Seminars publishing conferences in San Francisco and Boston

Many demonstration roles at Australian, European and US trade shows.

Education

BSc (Hons), majoring in Physics, University of Western Australia

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Core competencies

Professionally proficient in the following current software technologies:

Swift, Objective C, Xcode, iOS, and all aspects of Apple mobile development
MS SQL SERVER 2000, 2005, 2008, Oracle 8i and 9i.
C#, Visual Basic.Net
Adobe InDesign scripting and extensions
Adobe InDesign Server scripting and extensions
ASP, ASP.NET
Perl, PHP, MySQL
Microsoft Visual Studio
.NET 3.5 architecture
XML and Web services
HTML, AJAX, CSS, Javascript, JSON

App Portfolio

The following section shows a brief summary recent iOS apps that I have developed, either woking stand-alone, or as part of a wider team.

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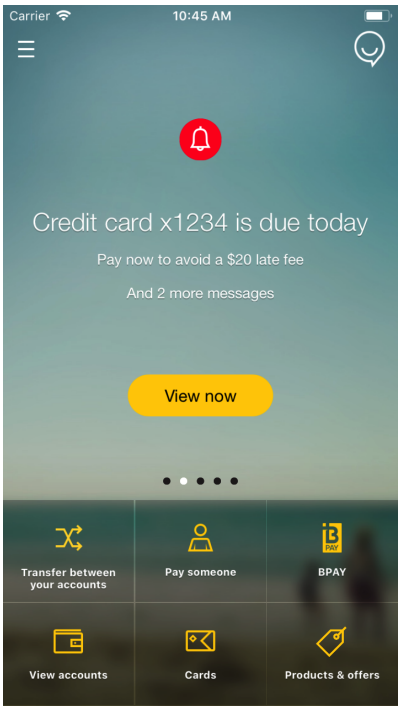
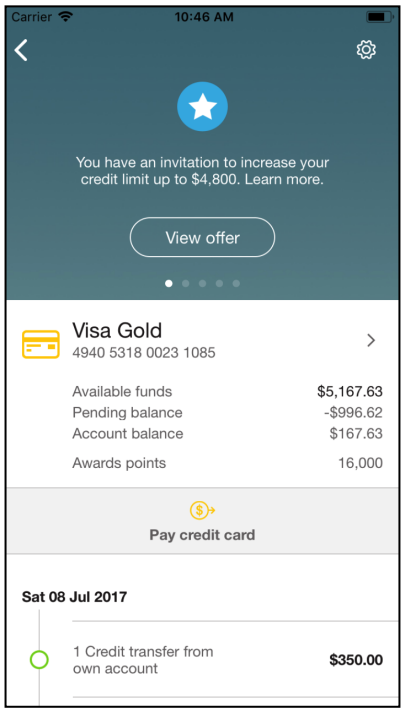
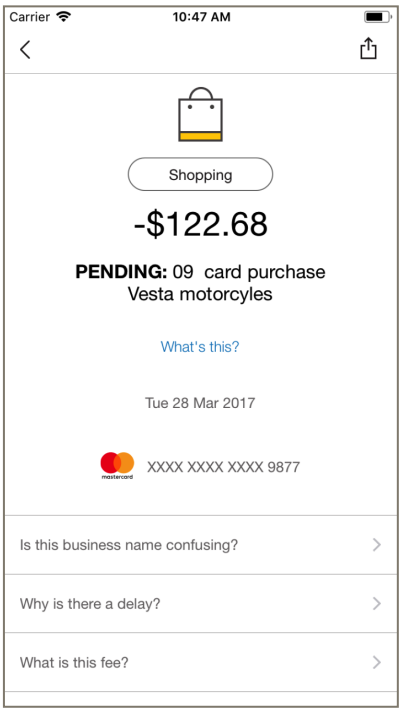
App: Commbank app **Client: Commonwealth Bank**

iPhone app for Commbank mobile banking







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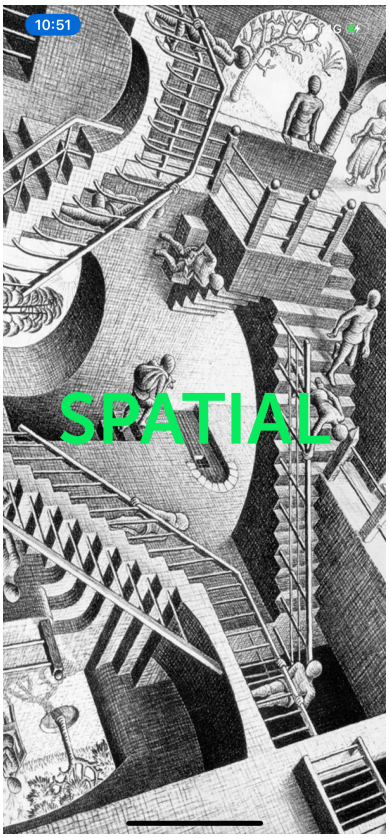
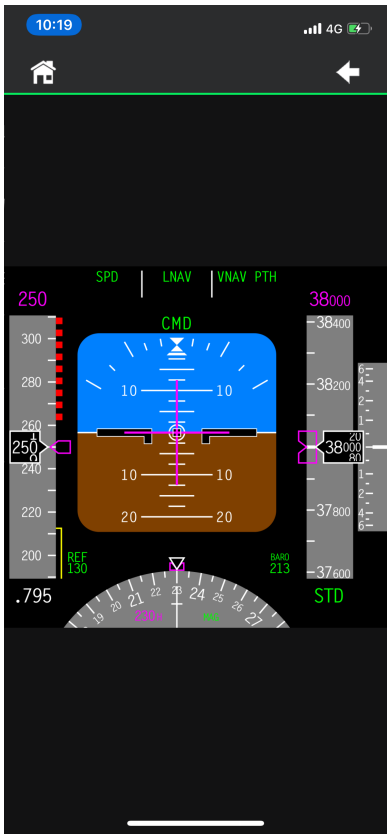
App: Spatial **Client: Wavefront**

iPhone demonstration of sensors to support B737 Primary Flight Display





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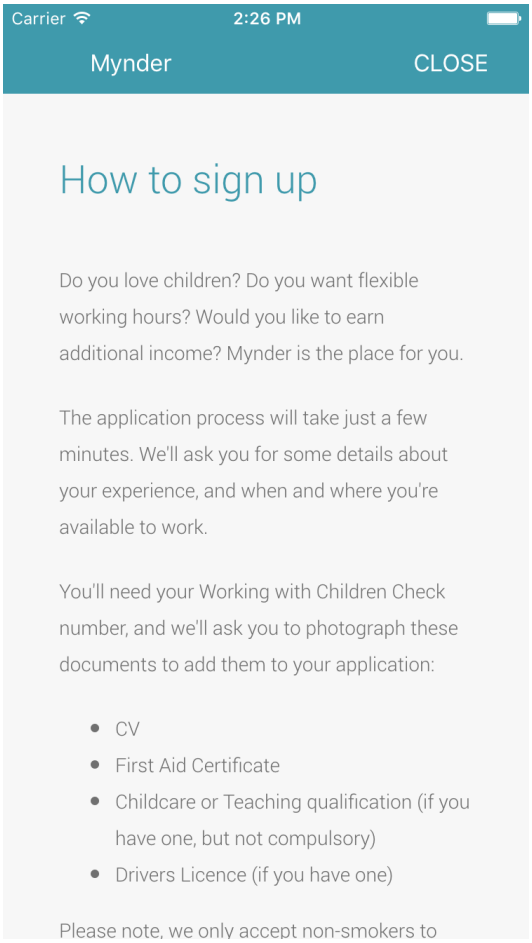
App: Mynder **Client: Sitter Solutions**

iPhone app for child minding services



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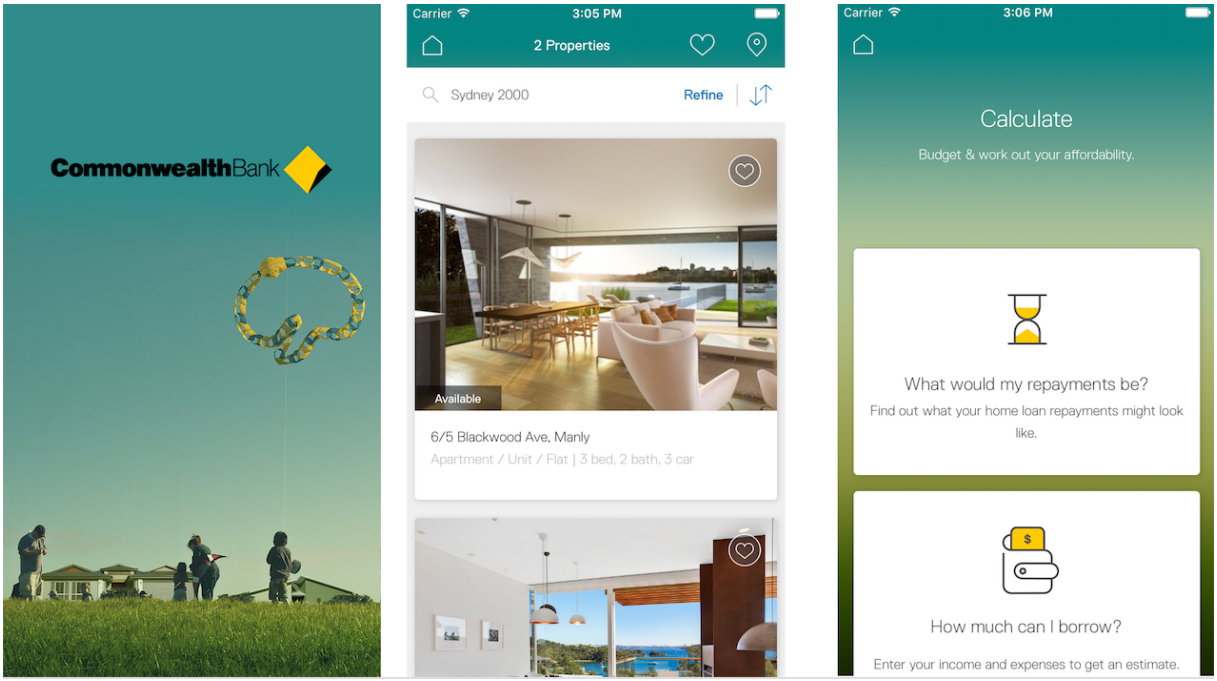
App: Homebuying **Client: Commonwealth Bank**

iPhone app for CBA Homebuying experience



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App: 24x7 iPad iPhone **Client: Telstra**

iPad and iPhone apps for Telstra's 24x7 mobile brand

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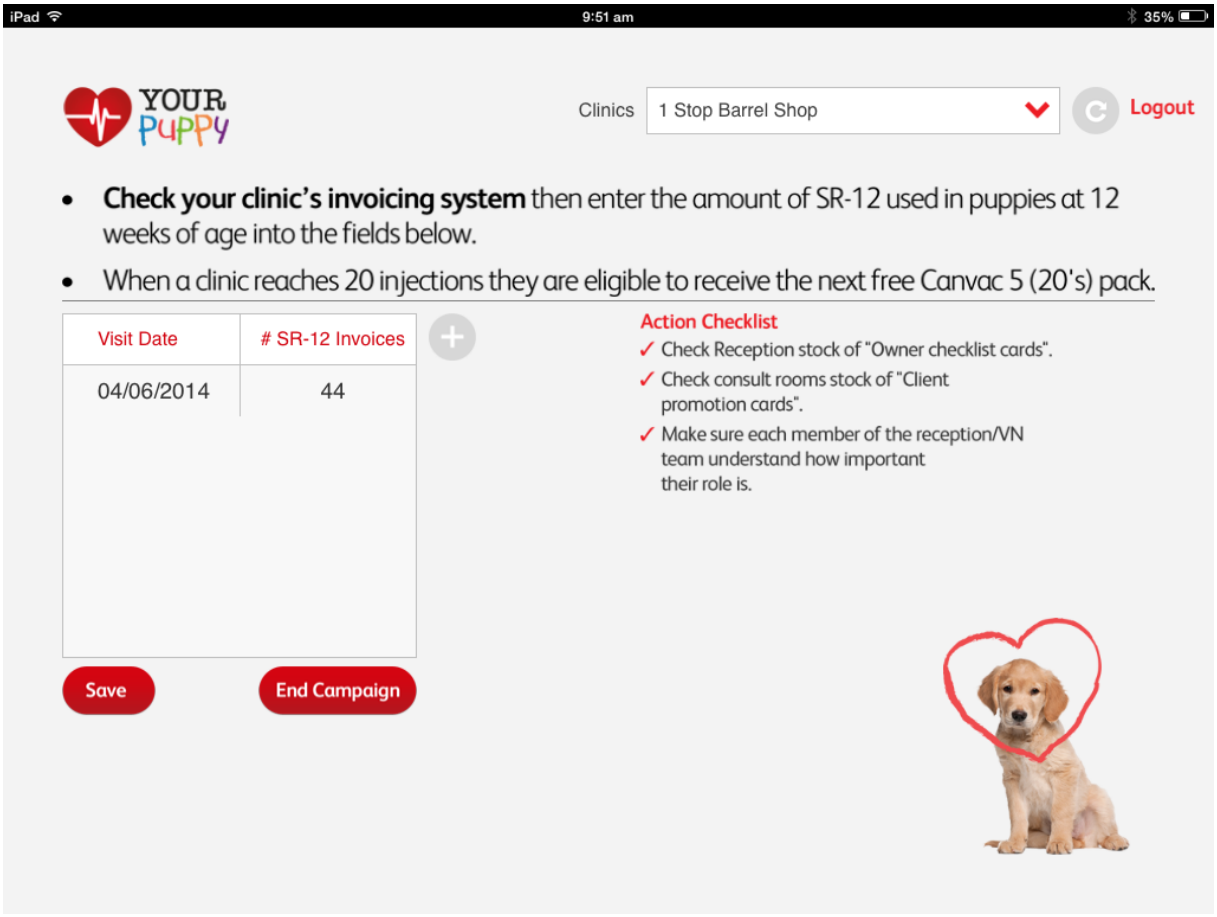
App: Heart Your Puppy **Client: Orchard Marketing**

iPad app for corporate use for Pfizer Animal Health. Sales/Marketing tool for sales reps.



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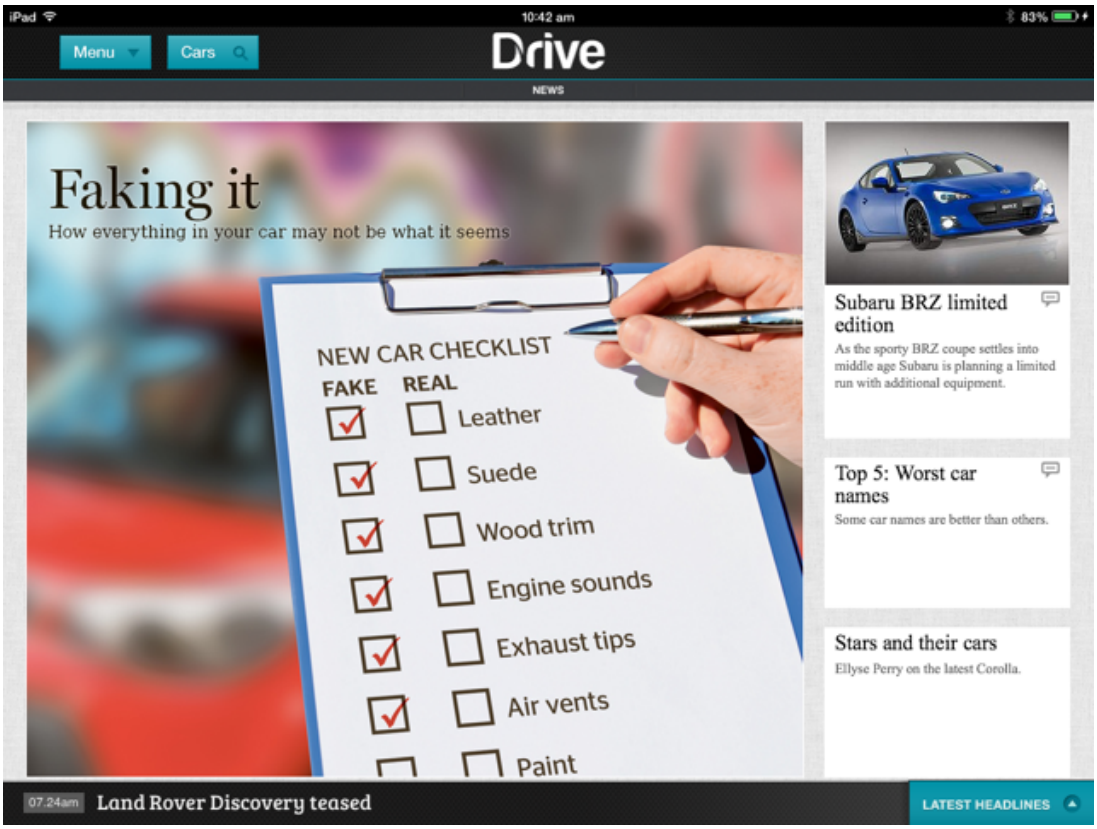
App: Drive **Client: Fairfax Media**

iPhone/iPad app for Fairfax's Drive product



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App: mX **Client: Digital Turbine**

iPhone implementation of News Limited mX newspaper. mX has been recognised as a dual winner at the 2014 International News Media Association (INMA) Awards – the only Australian media brand to take home two awards. The INMA Awards were presented at the 84th Annual INMA World Congress in San Francisco.

mX won the categories of ‘Best New Mobile App or Website’ and ‘Best Idea to Grow Digital Audience or Engagement’.

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App: Rip Curl Search GPS **Client: VML**

Complex iOS app which interfaces Rip Curl GPS enabled watch via BLE, and tracks/ shares surfs. The Rip Curl Search GPS was awarded two Cannes Lions in the Mobile category (Bronze and Silver) and also took out a Bronze Lion in the Cyber category.

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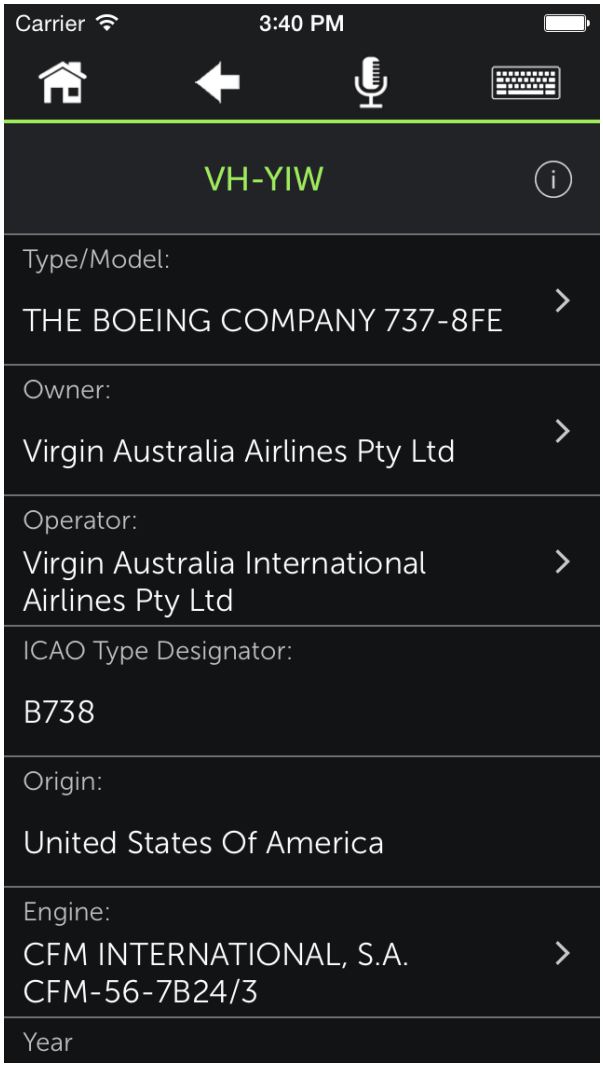
App: VHReg, NReg, CReg, EIReg, PHReg, ZKReg Client: self

Suite of 6 self-published iPhone apps for the aviation market



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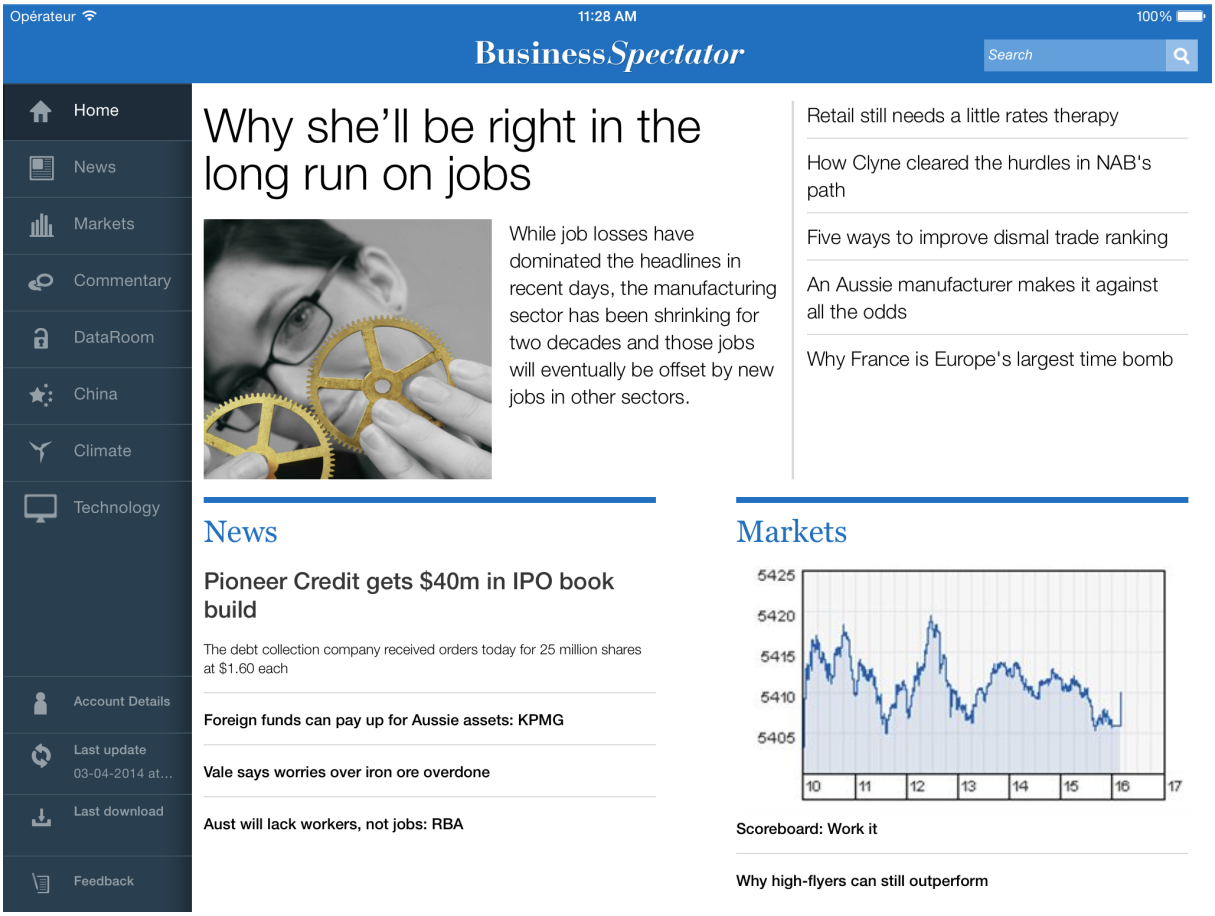
App: Business Spectator **Client: Digital Turbine**

iPad implementation for News Ltd of the Business section of The Australian newspaper



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App: Nino's Mourning Toolbox **Client: Mat & More**

Multi-lingual iPhone/iPad app for helping children cope with bereavement

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App: Nino's Getting a Brother **Client: Mat & More**

Multi-lingual iPhone/iPad app for explaining to children where babies come from

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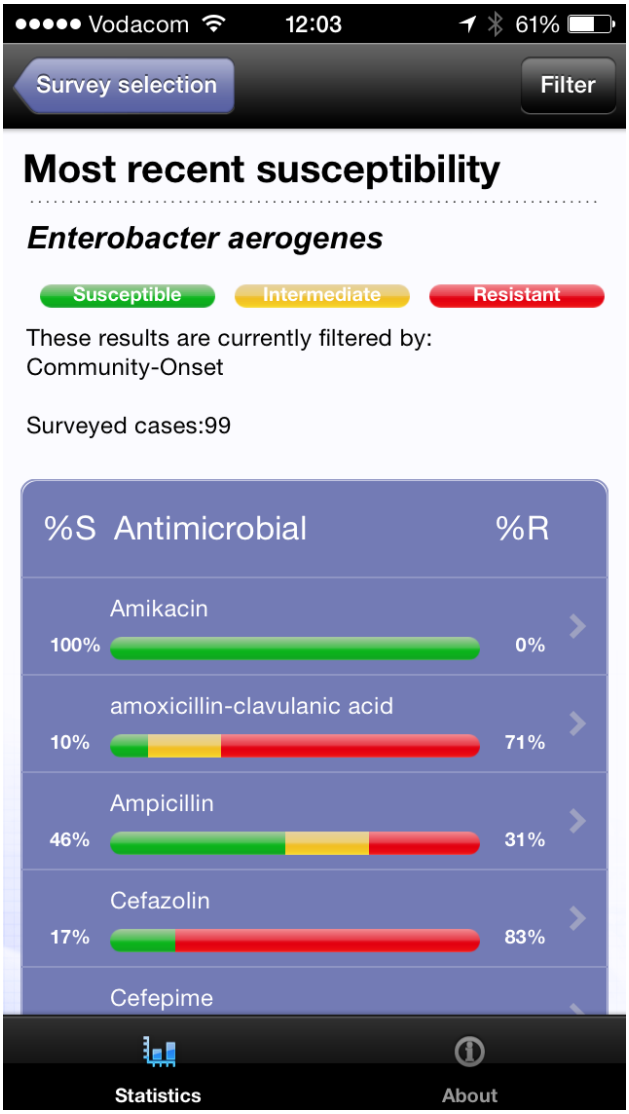
App: AGAR Client: Orchard

iPhone/iPad app for Australian Group for Antimicrobial Research. Displays statistics of drug efficacy.



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App: RSVP Client: RSVP Agency South Africa

iPad app which handles registration of guests at conferences, using QR code scanning technology.