



DAN COUGHLIN

MOBILE DEVELOPER / WEB DEVELOPER / SOLUTIONS ARCHITECT

ABOUT DAN

I am a Software Developer/Solutions Architect with high level experience in writing native mobile iOS apps (Swift/Objective-C), as well as hybrid mobile apps using Ionic and PhoneGap. Additionally, I am fully versed in Ruby on Rails platform development, which is supported by my core web technologies expertise in HTML, CSS, and Javascript. I have also worked as a Solutions Architect at the enterprise-level for a vast number platforms and technologies over my career. My passion and forte is start-up companies. I've been an integral part of four startups over the course of my career.

I live in New Jersey with my wonderful six-year old son and beautiful wife. When not working, I enjoy playing the guitar and piano, and practicing yoga.

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PORTFOLIO

www.groovytree.com/portfolio-dan-coughlin.pdf

WORK EXPERIENCE

// 2017 06 - 2018 01 // WEB & MOBILE DEVELOPER, ATHLETE TRAINING CLUB

- Sole developer for a NYC startup attempting to define an athletic scoring standard for high school and college athletes. Completely responsible for all front & back-end web development using the Ruby on Rails platform, and an iOS mobile app written in Ionic (hybrid app) with a RESTful interface to the Ruby backend. The web UI is Bootstrap supported by Javascript plugins and client side scripting ([Athlete Training Club](#)).
- In addition to my primary focus in writing the athletic scoring services, I also created two other websites for ATC. The first, [Arctic Ease](#), is an eCommerce site for a retail sports product written using Wordpress, and the second, [Memory Bank](#), is a lifestyle Rails/Bootstrap website using for creating digital time capsules.
- I was fully responsible for the product technology stack configuration and deployment. I implemented a Heroku Rails PaaS, with AWS S3 buckets for static asset storage, Route53 for DNS routing, and a Mailgun email relay server.

// 2016 10 - 2017 05 // SENIOR IOS DEVELOPER, CANFIELD SCIENTIFIC

- Solely responsible for all the Clinical Services divisions' mobile application development. I have written iPad apps that are currently in use by doctors from around the country. One is for live patient-based Clinical Reviews, where doctors simultaneously evaluate a large pool of subjects. The second is an Alopecia Areata patient assessment app for live evaluations. All apps use RESTful web services to communicate with the company servers and are written entirely in Swift 3.
- Set up an Xcode Build Server & Bot configurations to automatically produce iOS testing & release builds with Fastlane support for automatic language based screen snapshotting & upload to the App Store.
- Completed a Mobile Device Management (MDM) product evaluation for the company, and selected AirWatch for company-wide device management.

// 2015 10 - 2016 09 // INDEPENDENT IOS DEVELOPER, GROOVYTREE, LLC // TECHNICAL AUTHOR, PLURALSIGHT, LLC

- Worked on several of my own applications for my private LLC, including a fitness pedometer app, a children's game for AppleTV, and conversion of an existing app from Objective-C to Swift.
- Attended key iOS technology conferences include WWDC, *Swift Summit* and *try! Swift*. Technical Author for Pluralsight, an international online technical training service. Contracted to complete a course on integrating Apple's CloudKit into iOS applications.

// 2007 10 - 2015 09 // MOBILE TECHNICAL DIRECTOR, SOLUTIONS ARCHITECT // MONITISE AMERICAS

- Joined a UK mobile payments startup in 2007 (Monitise). Led the US division's technical team in their initial launch. Monitise grew from fifty to over one-thousand employees over the next eight years.
- Sole architect for the largest US account (FIS) which had over 4.5 million active users running 120 uniquely branded iOS and Android mobile clients, which used RESTful and SOAP web services tethered to a J2EE/Linux/Oracle backend.
- Expert in Agile development methodology. Led daily SCRUM calls in conjunction with team project manager.
- Expert in Git/SVN/CVS version control and Gerrit code review.
- Hands-on expertise with native iPhone, Android, BlackBerry, Windows Mobile, J2ME, Brew and hybrid PhoneGap

WORK EXPERIENCE

// 1994 10 - 1996 04 // TECHNICAL PROJECT LEADER // DENDRITE INTERNATIONAL

I was one of two technical project leaders responsible the largest pharmaceutical account (Pfizer) for Dendrite International, a worldwide provider of solutions for managing and analyzing sales efforts in the pharmaceutical industry. The system utilized a Solaris Unix C-sourced backend with a Windows PowerBuilder based clients.

// 1987 12 - 1994 09 // SENIOR SOFTWARE DEVELOPER, RESEARCH & DEVELOPMENT DIRECTOR // ISYS TECHNOLOGY

Member of a three person programming team which designed and developed a laboratory data management system. Windows was in its infancy at the time, and unable to meet our real-time performance demands. Working as a team, we wrote our own multi-tasking kernel in x86 Assembler, instead. This system was eventually installed in over 250 hospitals and clinical laboratories thought the US, Canada, and Mexico. Company grew from 6 to 50+

EDUCATION / FORMAL TRAINING

// **RUTGERS UNIVERSITY**, Computer Science, New Brunswick, NJ 1982-85, Newark, NJ 1993-94

// **BIG NERD RANCH**, Atlanta, GA, Advanced iOS Programming - Feb 2015, Advanced Mac OS X Bootcamp - May 2010

// **APPLE WORLDWIDE DEVELOPER CONFERENCE (WWDC)**, San Francisco, CA, June 2011 & June 2016

MY APPLICATIONS

// ADDRESS BOOK EXTRACTOR (2011)

- A Contacts address book export utility with sales of over 7,000 units since 2011, with a 4-star rating. It is a OS X desktop application with fully relational Core Data backend.



// LITESTEPS (2016)

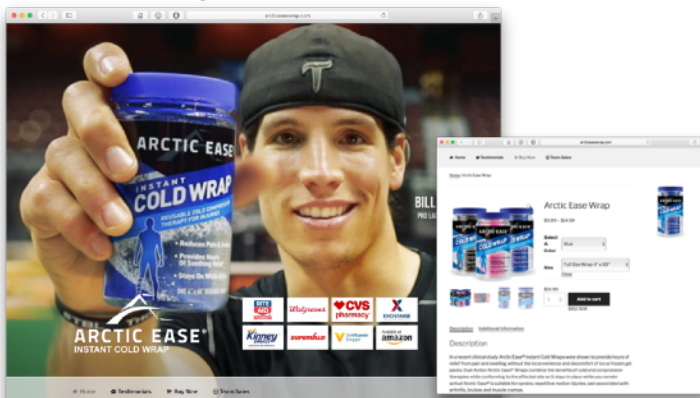
- A fitness related pedometer application that takes advantage of the built in motion coprocessor available in the iPhone. Published in the App Store in August 2016 with 3K+ downloads.



WEB SITES

// ARCTIC EASE COLD WRAP

- An eCommerce website for a sports bandage sold in major retail pharmacies across the US and Canada. Written in Wordpress with Woo Commerce for credit card processing. [Arctic Ease](#)



// MEMORY BANK

- A lifestyle website that allows you to create a digital time capsule to send to friends & family. It is Ruby on Rails with a responsive Bootstrap UI w/PostgreSQL databases. [Memory Bank](#)

