

## **Philippe Furlan**

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### **Lead/Senior Mobile/Software Developer/Architect**

#### **Apple iPhone/iPad - iOS - Objective-C - UX Cross-Platform App - HTML5/CSS3/Javascript - PHP**

**Concept, Design, Agile Development, Test, Build and Publication**

*My main Motivation is to be part of the creative process of a project.*

*My ultimate Satisfaction is to be sure that my product satisfies the needs of the end-users.*

Sep. 2011 - January 2012, **CBS Interactive**, San Francisco California, Senior iOS Developer

Develop an iPad App for the CNET brand (<http://cnet.com>).

*DocuSign Hackathon 2011 Most Innovative App: <http://SignMyTablet.com>*

Oct. 2008 - Jul. 2011, **Mitch Waite Group.**, Sausalito, California, Lead Mobile Developer

Lead developer and code owner of the iPhone/iPad App: iBird (<http://ibird.com>).

This initial project was to convert a website (<http://whatbird.com>) and a Windows Mobile App version of iBird as an iPhone App. Within a few weeks, I delivered a professional looking iPhone App that became an overnight success in the App Store.

I developed a custom command line utility to convert the SQL database and all the media files into a file format optimized for mobile usage.

I added new features following owner specifications. I designed and developed the iPad version from scratch; just in time for the new release of the iPad (iBird HD).

My original UI design was used as a reference for the development of the Android version of iBird.

For each new version of iOS, I tested and updated the App to be fully compliant with the new OS.

The biggest development challenge was memory management and performance in particularly with slow old devices like iPhone 3G and iPod 1st generation.

I assisted a junior iOS developer to take over the source code in order to add new features and maintain the App.

Jan. 2008 - Aug. 2011, **SearchQuest Inc.**, Vallejo California, Lead iOS Developer

check <http://searchquest.com> for complete list of iPhone/iPad project.

Digital Publishing



[iBird HD](#)

Reference App



[Congress Pro](#)

Branded App



[Ferrari Sound](#)

Business App



[Asistente Digital](#)

Health and Fitness



[SolanoFIT](#)

Using [rentacoder.com/vworker.com](http://rentacoder.com/vworker.com) as lead source, I was involved with the following projects:

- Healthcare iPhone app
- Convert iPhone Web App to Native App
- iPhone GPS-Website Shell
- simple iPhone app for augmented reality
- J2ME to Objective C iPhone porting project
- iPhone Cocoa C help
- technology advice - mobile applications
- iPhone App UI Object Layering Issue
- Help debugging my iphone app
- iphone dev needed to create "proof of concept" app
- iPhone ScrollView Window Navigation System
- coverflow enhancement
- iPhone cover flow application
- iPhone TableCell Wrap Text Code Help
- uploading iphone app into apple store
- Simple iPhone Tapping Game
- iPhone Quiz Application
- Region of Interest Pixel Modification
- iPhone Concept App
- iPhone Photo Picker
- Debug an iPhone application
- iPhone Translator App - Web Version

To build these software solutions, I used the following technologies:

- Apple iPhone/iPad iOS SDK - XCODE - Objective-C - HTML5/CSS3/Javascript

Apr. 2001 - Jan. 2008, **ePro Realty Inc.**, Atwater California, Senior Software Architect

I designed, developed, tested and maintained the following products:

- MapforPDA.com: Mobile 2.0 Location-based GPS Search.
- MercedRealty.com : Map-based Real Estate Search.
- RealtyCruiser.com : Integration of Mobile Technology inside a Van.
- SignForms.com : Paperless Solution for the Real Estate Industry.
- SignPDF.com: Electronic Signature save as PDF file.

To build these software solutions, I used the following technologies:

- Java J2ME
- Windows Mobile for Smartphone and Pocket PC
- Windows for Tablet PC and Ultra-Mobile PC
- C# and .NET Framework 2.0 (including Edition for Windows Mobile)
- ASP.NET 2.0 IIS Web Server

*Finalist NAVTEQ LBS Challenge in 2006 and 2008 (lbschallenge.com)*

Dec. 2000 - 2001, **esurance.com**, San Francisco, Senior Software Engineer

I designed, developed, tested and maintained the following products:

- XML credit report server. Car insurance underwriting server

To build these software solutions, I used the following technologies:

Microsoft IIS Web/SQL, Active Server Pages, HTML, JavaScript, XML.

Apr. 1998 - 2000, **iOwn.com**, San Francisco, Senior Software Engineer

I designed, developed, tested and maintained the following products:

- Intranet loan transaction processing and customer service management
- Creation and electronic delivery of loan documents in PDF file format
- Import/export of home listing data feed into SQL database with error checking

To build these software solutions, I used the following technologies:

Microsoft Web/SQL, ASP, HTML, JavaScript, XML, C++, ATL, and COM.

Jul. 1995 - 1998, **Intuit.com**, Mountain View, Senior Software Engineer

I designed, developed, tested and maintained the following products:

- Open Financial Exchange (OFX): Branding Server component development
- TCP/IP Winsock and RSA encryption for Investor Insight online service
- Server Monitoring modules with email and pager interface

To build these software solutions, I used the following technologies:

Microsoft Windows NT, IIS Web Server, ASP, SQL Server, C++, MFC, ATL and COM.

1993 - 1995, **Personal News**, San Francisco, Back-end Architect.

Build a consumer financial on-line service called Investor Insight. At the front-end level, I developed the telecommunication module. I designed a custom client/server protocol with a middleware layer using a three tier architecture. At the back-end level, I designed, developed and operated a fully functional distributed server using Microsoft Windows NT as OS platform and MS SQL as database. Specific custom development has been done to handle financial data feed content such as: Stock quotes from S&P Comstock; Historical quotes; Company News from Dow Jones.

1992 - 1993, **Gateway Software, Inc.**, New York, Shareware Author.

Developed and sold directly to end-users, telecommunication software utilities compatible with Prodigy Online Services (Quicken Market Update, PROSTOCK)

1989 - 1992, **Baseline II Inc**, New York, Telecommunication Software Engineer.

Terminal Software and MegaServer: support, maintain and development.

1989, Contracted the right and distribution of MegaServer to **Baseline II Inc**.

MegaServer is an interactive host system supporting VT100, Minitel, and NAPLPS protocols. Running on microcomputers, and supporting X.25 connections, this Videotex host handles any type of on-line applications e.g. chats, E-mail, file transfer and databases.

1988, Sold the rights of Minitel emulation software for Apple computers to **Infonet CSC**

Contracted with **Infonet Canada** to translate and upgrade this product.

## **FRENCH EXPERIENCE:**

1985 - 1988, **Consultant**, Paris, France. Specializing in Telecommunication Software.

Creation and development of software packages. Clients included: EMB (European Media Business), Thomson Co. (France's version of General Electric), Ministry of Culture.

1984, **Reditec SA**, Paris, France. Product Manager.

Created an interface to transform a MINITEL into a domestic microcomputer. Received an award from the French Ministry of Industry for innovative product development.

## **EDUCATION:**

1999 - 2000, Real Estate courses, San Francisco City College.

Real Estate Practice, Legal Aspects of Real Estate, Property Management, Real Estate Principles, and Real Estate Appraisal. Real Estate Investor. e-Pro certified REALTOR®.

1983, Bachelors Degree in Electrical Engineering, University of Paris (Evry), France.