

Pietro Zuco, Senior iOS Developer

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PROFILE

I'm a senior iOS Developer with more than 8 years of professional experience. I have been developing on iOS since 2010, from iOS 4.0, and have more than 10 years of experience as a Linux/UNIX system administrator. I have worked for companies like HP Japan, KDDI, AXA Direct Japan, VML London and Vhi during my career.

I have extended experience working remotely and on-site, with multicultural environments and diverse technologies. I can cover the whole cycle, from architecture to development and publishing in the App Store. I am also open to travel if required.

MY STYLE

I invest most of my time keeping myself up-to-date with the latest in iOS development, constantly improving myself, trying new techniques and keeping updated about new architectures, design patterns and the latest trends in the industry.

Keywords: Swift 4, Object Oriented Programming, Protocol Oriented Programming, Generics, MVVM, Coordinator Pattern, Realm, Core Data, CloudKit, Fastlane, CocoaPods, Carthage, Continuous Integration, Unit Testing, TDD, Objective-C, C, Linux, Git, REST, RxSwift, Coordinator, Jenkins, Jira, Zenhub

EXPERIENCE

Lead iOS Developer, INSHUR

Remote, Jun 2018 – Current

Achievements: INSHUR is the only fully digital insurance platform for today's commercial and ride-share drivers, owners, and fleets. I quickly took charge of the entire iOS development process, adding new features and improvements. This required a deep understanding of the insurance logic for professional drivers and the proprietary backend infrastructure.

Technologies and Frameworks used: Swift 4 MVVM, AppCorrdinator, TDD, JSON, Firebase, WebKit, Bitbucket, Jira, Jenkins, CocoaPods, Fastlane, Stripe

Senior Web/Mobile Developer, TokyoMedia

Remote, May 2018 – Jun 2018

Achievements: Developed a prototype for an infrastructure using Vapor as backend, WordPress for the web frontend and iOS for the mobile frontend app.

Technologies and Frameworks used: WordPress, PHP, JavaScript, MySQL, HTML/CSS, Swift 4, Vapor, MVVM, AppCorrdinator, TDD, JSON, WebKit, Bitbucket, Jira, CocoaPods

Senior iOS Developer, Ribot

Brighton, Oct 2017 – Apr 2018

Achievements: I joined the team quite late, when the project was very advanced to accelerate meeting the deadlines. It was very challenging because the project used RxSwift, which I wasn't much experienced at the time, so it required to quickly learn new libraries, update fast with the client requirements, being functional and supportive since the very beginning. I'm happy I was able to provide the support requested by the team and we delivered on time.

As side projects I also joined internal projects of R+D combining electronics, sensors and iOS apps

Technologies and Frameworks used: Swift 4.x/3.x, MVVM, AppCorrdinator, RxSwift, TDD, JSON, Firebase, Realm, WebKit, Git/ LFS, Zenhub, Jenkins, Sourcery, SwiftLint, Carthage, Fastlane, Arduino, Raspberry Pi, micro:bit, Omega2

Senior iOS Developer, InCrowd

Brighton, Apr 2016 – Aug 2017

Achievements: My first task was to develop and architecture from scratch the official Premiership Rugby app. The app had to be integrated with our proprietary technology that can boost 3G/4G using existing Wi-Fi infrastructure to make sure that even fans without a connection have access to the latest information. The app was released on time in the app store before the next season started.

Technologies and Frameworks used: Swift 3.x, MVVM, TDD, JSON, Fabric, OneSignal, SnowPlow, Core Data, Realm, Core Location, MapKit, AVFoundation, WebKit, AdMob, AWS, AlamofireImage, AFNetworking, Alamofire ,Git, JIRA, Jenkins.

Senior iOS Developer, VML

London, Nov 2015 – Feb 2016

Achievements: I joined a team of fresh early started Swift developers, responsible for the development, integration, testing and designing of several parts of a train transportation app for Virgin Trains. It was challenging to develop such a critical infrastructure with, at the time, a new programming language like Swift. It was a great learning curve and a productive experience. We were able to provide the client with a working prototype for further development.

Technologies and Frameworks used: Swift 1.x/2.x, MVC, TDD, JSON, Core Data, Core Location, MapKit, Git, GitLab, JIRA, Jenkins

iOS Developer, Freelancer

Tokyo, Apr 2011 – Nov 2015

Summary: As a freelancer during this time I worked for several clients, covering the whole spectrum of developing an iOS app. I was hired to develop prototypes, fix bugs, implement new features on existing apps, create development teams and to cover the whole process from initial brain storming with my clients to finally publishing a final app in the App Store. During this time, I also developed my own project of a DICOM reader, which allows doctors to easily review radiographies in their native format.

Achievements: Please see some examples of my work below.

- **DevoBots:** Official app for the famous American Pop band DEVO. It was a complex app that integrated a fans avatar builder with thousands of parts and a music synthesizer all in one app, which was really complex to develop considering the hardware limitations of the time.
- **DICOMIR:** One of the easiest and most intuitive 2D DICOM Image viewers for iOS. DICOM (Digital Imaging and Communications in Medicine) is a standard for storing and transmitting medical images. DICOMIR allows doctors to connect to a local PAC server to download, manipulate and study images produced by radiology machinery.

Technologies and Frameworks used: Objective-C, C/C++, Swift 1.x, MVC, TDD, JSON, XML, Core Data, Core Location, MapKit, AudioToolbox, AVFoundation, WebKit, AWS, Git, Perl, PHP, iptables, HTML/CSS, Apache, Jenkins

System Integrator, GSX Japan

Tokyo, Dec 2010 – Apr 2011

Achievements: I was responsible for the documentation and integration of B2B proprietary systems into our proprietary platform. The proprietary technologies used were unknown outside of the company. It required quick learning and a big effort to document and help in the teaching process for Japanese teams.

Technologies and Frameworks used: Perl, Bash, C, EDI, ZENGIN

Linux Specialist, AXA Direct Japan

Tokyo, Feb 2008 – Dec 2010

Achievements: I was responsible for the migration of our HP-UX UNIX servers datacentre into Linux. The migration was very complex, achieved in 3 days, non-stop, after several months of testing and preparation.

Technologies and Frameworks used: Perl, Bash, C, AWK, iptables, Oracle, Apache, RedHat Linux, Debian, HP-UX, Java, MySQL, PHP, VMware

Software Developer, BlueBeans

Tokyo, Aug 2006 – Jan 2008

Achievements: I worked as a developer for our clients, KDDI and HP Japan. We developed a simulator infrastructure to test all new mobile features for KDDI **au** brand that were released to the public.

Technologies and Frameworks used: Java EE 5, C, Bash, PostgreSQL, Apache, RedHat Linux

Consultant – Open Source, Novasoft

Spain, Sep 2004 – Jun 2006

Achievements: I worked as a teacher and mentor of computer engineering graduates, into courses to take the Cisco CCNA certification and gain experience in Linux software development and system administration. We achieved 95% employability of our students.

Technologies and Frameworks used: Linux (RedHat, Debian, Slackware, SuSe), C, Bash, Perl, PostgreSQL, MySQL, Apache, AOLServer, OpenACS, Tcl, DotLRN, iptables, Sendmail, bind

CERTIFICATIONS

CCNA (Cisco Certified Network Associate) - 2003

LANGUAGES

English Fluent

Italian Native

Japanese Fluent

Spanish Fluent

PERSONAL

Among my hobbies and interests, I'm passionate about photography, travel, and especially Japan. I enjoy running, building Arduino and Raspberry Pi projects, and program retro computers, like the Commodore 64 and Amiga 500 plus.