



Josep Rodriguez

Senior Software Engineer



BACKGROUND

ABOUT

I am a Mobile Senior Software Engineer who strives for well crafted software, and using CI&CD to deliver value to organisations.

WORK EXPERIENCE

• iOS Software Engineer, Moonpig Ltd

Jun, 2017 - Present 4 months

Photobox is an online photo printing company. As part of their mobile team I worked on improving the conversion rate of their checkout module and improving their legacy codebase.

Senior Software Engineer, Tigerspike Ltd

Sep, 2016 - May, 2017 8 months

Tigerspike is a digital products company that specialises in Mobile application development.

- Won 2 times since becoming Senior the "Values award", as voted by colleagues on a monthly basis.
- Acted as Tech Lead for a highly complex project, managing up to 8 developers.
- Took part on global Android SME meetings.
- Took part on recruitment, interviewing scores of candidates, ranging from Associate to Tech Lead, for SET, Android SE and FullStack SE roles.

Software Engineer, Tigerspike Ltd

Sep, 2014 - Sep, 2016 2 years

Worked as an iOS and Android Software Engineer. Taking part in Agile projects using Scrum and Kanban.

- Won 2 times the "Values award", as voted by colleagues on a monthly basis.
- Migrated Objective-C codebases to Swift.
- Managing Jenkins CI&CD jobs for Android & iOS.
- Built a wrapper around Fastlane to run CI and CD jobs for multiple projects using a YAML configuration file in Ruby.
- Migrated Bash CI scripts to Ruby.

Software Engineer, TechIdeas

Feb, 2011 - Aug, 2014 3 years 6 months

Worked as a Software Engineer for a small agency where I learnt several different languages and frameworks.

- Developed an infrastructure management desktop application for industries using Eclipse RCP.
- Developed backends using PHP + MySQL
- Developed backends using Java + MySQL
- Developed backends using NodeJS + MongoDB
- Developed Android & iOS apps.
- Developed apps for the banking industry and the city council, which required high levels of security.

SKILLS

Computer Science fundamentals

- S.O.L.I.D.
- Design Patterns
- Architectural patterns
- Memory management
- Garbage collection vs Reference Counting
- Functional programming
- Reactive Functional Programming
- Thread management

iOS Mobile development

- Swift
- Objective-C
- UIKit
- ResearchKit
- HealthKit
- CoreData
- xcodebuild
- Provisioning

Android Mobile development

- Java
- Android SDK

Continuous Integration and Continuous Deployment

- Jenkins
- Travis CI
- Fastlane
- Gradle
- Ant
- Maven
- HockeyApp

Agile development

- Scrum
- Kanban

Multiplatform development

- Xamarin (C#)
- Titanium Appcelerator

Backend development

- NodeJS
- PHP
- NoSQL

Scripting

- Ruby
- Bash

EDUCATION

Engineering (M.Eng.), Master, Open University of Catalonia

Jan, 2013 - Jan, 2016

- AI
- Mobile Development
- Project Management
- Image processing

Computer Systems, Bachelor of Engineering, Polytechnic University of Catalonia

Sep, 2008 - Jul, 2010

AWARDS

Tigerspike Values Awards x 4 Tigerspike

Awarded on:

Monthly the whole office will get to vote up to 3 colleagues for adhering to the company's values and doing a good job. The colleague with most votes gets the award.

PUBLICATIONS

Sensorgrid4env, EU project

Published on: Apr 01, 2011

SSG4Env is a semantic sensor grid architecture whose main objective is to detect possible future floods at southern England. I took part in the last few months of the project and authored 4 publications alongside University professors and other professionals involved in the EU project. The website is currently down.

INTERESTS

Computer Science

- Functional Programming
- Swift in the backend
- Backends at scale
- Kotlin

Other

- Foodie
- Netflix
- Reading
- Traveling

REFERENCES

Pablo Dimenza, Director of Technology at EG+ Worldwide

Josep is the swiss army knife of mobile develop. He is proficient in depth in so many technologies that is normally the go-to guy when you want things done quickly and properly. He adapts to any situation, responsible and committed. He is always on the ready and enjoys a good challenge. Personally he is really fun to be around, amazing personality and a great team member infecting everyone around with good mood and positive vibes independently of the situation of a project which is something invaluable these days. The real challenge for you is to challenge him.

Rui Silvestre, Senior Mobile Tech Lead at HSBC

Upon demand