



Carles Sentis

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SUMMARY

A highly motivated and passionate with a strong interest on writing good code, a job well done and attention to detail. I've been very passionate about computers from a very young age, when I got my first PC, an Amstrad 8256 and discovered I could program it to do what I wanted. I've been developing apps for Windows, Linux and latter Android as a hobby for a long time and now I love that this has become my full time job.

EXPERIENCE

Lead Android Developer, Instillo - www.instillo.com

Innovation in Business Centre, GMIT, Dublin Road, Galway, Ireland — June 2012- to present

A startup company doing digital signage on top of Android framework. Great experience working for a startup from the very beginning and all the responsibilities that this brings. Wearing many hats and learning fast. Been the sole Android developer I had the opportunity on designing code from the ground up with good scalability and OO patterns in mind. The ability to work under pressure and get things done when needed including working over time and/or weekends.

Accomplishments

- Great knowledge of Java and Object Oriented design patterns.
- Extensive understanding of the Android API. Worked extensively with fragments, intents, content providers. SQLite, (list too long mention all).
- Great experience on debugging apps and the use MAT for memory consumption.
- Good skills with Git as a distributed version control system. Able to work with multiple branches and merging between them.
- Some experience building apps using Ant and ProGuard.
- Testing on many devices and different screen sizes/densities.
- Worked with SOAP, XPTAH and JSON.
- Design and developed multiple embedded Android applications to work as one using intents and bound services. Creating libraries to share code between apps.
- Working closely with clients to building new features, requirements and fixing bugs or issues they may have.

FREELANCE (while working at Instillo)

Android Developer, English Bubble - englishbubble.com

Balinasloe, Galway, Ireland — April - May 2013

Worked with English Bubble just before the release of their first app "Word Bucket", to create the final touches on creating layouts and screens which will work across multiple devices. They already made a fantastic job with backend and design, just had to make their amazing templates to full working activities.

Android Developer, CGA - <http://www.cgatechnology.com>

Innovation in Business Centre, GMIT, Dublin Road, Galway, Ireland — May 2014 - to present

Working with CGA on a number of apps they have on the Google Play store to polish and refine their already working apps. Tidying up their UX by making the screens simpler and easier to use.

EDUCATION

Galway-Mayo Institute of Technology

Bachelors Degree with **distinctions** on Computer & Software Development — 2009-2012

On my year project I created a crossword solver app for Android called Implexis, with which I won second prize in the CodeNinja competition. CodeNinja was an app development competition for Galway students. It's designed to train and encourage students to be creative in the cultivation of their own tech ideas.

Galway Technical Institute

Networks and Software Systems (FETAC Level 6) — 2008-2009

A course which was just to be able to enter into the GMIT. I already knew most of it and build a Mine Sweeper clone in Visual Basic on my spare time in class :)

SKILLS

Most of my skills are already mention above under accomplishments on my Instillo job but other skills I have are:

- Great understanding of Linux OS. I've been a Linux user since 2007.
- Releasing several apps to Google Play Store. I've tried all sometimes just for experience. Free, paid and in app purchases. I've been making Android apps since Android came into the market.
- I have an app using Parse as a cloud backend.
- I also have some experience on creating widgets. One of them is an app I build for 091 Labs with a twitter feed and a widget to tell users when the labs where open or close unfortunately the server in 091 Labs is not used anymore.
- SQL, Visual Basic, MongoDB, C, C++, GTK+.
- Some Web knowledge of HTML, CSS, and javascript.
- Experience using GIMP. I created most of the assets for my apps.
- Highly motivated and love learning new technologies. Sometimes I build things just to learn them.
- I have an application for Ubuntu, Real-time Sunlight Wallpaper (link below) using C and GTK+. Although development is slow as I spend most of my time on Android apps now a days.
- Some experience creating Windows phone apps

INTERESTS

I have a high interest on technology and programming, I follow several Android and tech blogs and try to be up to date with the latest trends. Google IO is like christmas all over again. I'm a member and founder of the local hackerspace 091 Labs and love to be a member of the community. I also gave in the hackerspace a 4 week workshop on the basics of Android development building a simple browser which was very successful.

LANGUAGES

- English - Catalan - Spanish

LINKS

- GitHub - <https://github.com/codeskraps>
- Google Play - <https://play.google.com/store/apps/developer?id=Codeskraps>
- LaunchPad - <https://launchpad.net/~heepie202>
- Android Workshop - http://091labs.com/wiki/?id=android_workshop
- Real-time sunlight Wallpaper - <http://realtimesunlightwallpaper.weebly.com/>
- Windows Phone Store - <http://www.windowsphone.com/en-IE/store/publishers?publisherId=Codeskraps&appId=d5edfa62-5482-49d0-bce7-1174c720578a>

REFERENCES

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