

# Claudio Villanueva

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**Nationality:** Chilean

## Personal Profile

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I am passionate about software development, with around 12 years of experience building software and 8 years with iOS and Android apps. Besides considering myself as a mobile specialist I really enjoy learning new languages and technologies and I have a lot of ductility to work with all kind of software projects.

## Achievements

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- Have recently designed and migrated to Clean Architecture an iOS application with more than 500,000 users.
- Have designed a commercial TV detection application from scratch using image hashing algorithms.
- Have designed a mobile messaging system from scratch including iOS, Android, API and database.

## Education

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**2003 – 2007 Bachelor in Computer Science – Engineering – University of Santiago**

- Best bachelor's degree.

**2011 – 2012 Japanese Language – Kudan Institute – Tokyo – Japan**

- Mid level, Working and daily life proficiency.

**2008 – 2010 English classes with a particular teacher**

- Fluent in English. Business level proficiency.

**1995 – 1998 Mid Level Electronics Technician – Technical High School**

## Employment

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**August 2020 – Present – iOS developer – Transbank**

- iOS apps development.
- IOS apps design & architecture.
- Team leading, junior developers mentoring and training.
- iOS apps CI/CD.

**January 2020 – August 2020 – Software Engineer – ALMA Observatory**

- Backend development and support to operation.
- Linux servers administration.
- Continuous Integration and Delivery with Ansible, Jenkins and Artifactory.

**March 2019 – December 2019 – iOS Developer – Tinet/WOM**

- iOS apps development.
- IOS apps design & architecture.
- Team leading, junior developers mentoring and training.
- iOS apps CI/CD.
- Git repository management.

**April 2017- January 2020 – Mobile developer R&D – Garapon Inc – Tokyo, Japan**

- iOS & Android apps development and CI/CD.
- Research and development of computer vision based apps.
- API development.
- Linux apps development.
- Programming and optimization for big volume video data processing.

**April 2013 – March 2017 – Software Developer – Pixtoome – Santiago, Chile**

- iOS & Android apps design & development.
- API design & development.
- Database modeling.
- Web development.

**December 2009 – March 2013 – Software Developer – Ubix – Santiago, Chile**

- iOS, Android and Java Micro Edition apps design & development.
- API design & development.
- Database modeling.
- Web development.

**July 2001 – November 2009 – Systems Administrator – Grau – Santiago, Chile**

- Unix & Linux systems administration.
- Database administration.
- ERP systems Administration.

**Skills**

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- Excellent knowledge of mobile apps related languages and SDK, including Swift, Java, Objective C, Kotlin, Android NDK and Apple frameworks. Releasing apps in stores. Debugging and profiling.
- Medium level knowledge of lower level languages such as C and C++. Experience programming high performance apps, and apps for embedded Linux devices.
- Good knowledge of Linux servers languages and software like PHP, Python, Java, Scala, Golang, Perl, Bash script, PostgreSQL, MySQL, ZeroMQ, RabbitMQ and Docker.
- Web development using Java frameworks, Javascript and CSS.
- Cloud resources management, AWS, Azure and Google.
- APIs development, microservices and containers deployment. Database modeling.
- Machine Learning models training.
- Continuous integration and delivery with Jenkins, Hudson and Ansible.
- RxSwift, Fastlane, Development Pods, and a diverse set of tools for iOS development.

## References

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### **Rene Ramirez**

Ubix CEO +569 8837 2892

### **Javier Ergas**

Pixtoome CEO +569 9871 5243

## Portfolio, Repos and Demos

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<https://cvillanueva.github.io> (To watch my done mobile apps)

<https://github.com/cvillanueva> (My repositories)

<https://cvillanueva.github.io/aquila/> (Shoot'em up Game)

<https://cvillanueva.github.io/Labyrintho/> (3D Maze adventure)