

Julio C. Villasante Gómez *May 24, 1980*

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Summary

Savvy Software Developer with 7+ years in technical software development. Expert in a variety of platforms, languages and embedded systems.

complex systems and identify opportunities for improvements and resolution of critical issues.

Have interest in designing and crafting efficient modern software, and learning new technologies and tools if need arises.

An excellent problem solver, able to quickly grasp

Experience

Privee

FLORIDA, USA

Software Developer - Contractor

Sep '15 – Present

Privee has created a next generation web based platform for non-profit organizations without requiring a large capital expense. Recognizing the common goals of these organizations, such as community outreach, advocacy and fundraising, their cutting edge technology provides a gateway to their digital presence in the 21st Century. Over the few weeks I have been on the team I have done a lot of work on the backend of the Privee network. Using cutting edge technologies such as Node.js, Redis and MongoDB I have worked close to the rest of the team on different servers and APIs that will form the backbone of the company's backend. I'm currently working on a C daemon to manage all connections to the platform on our Linux clients.

Innobis

SANTIAGO, CHILE

Lead Developer

Jan '15 – June '15

Innobis is an open source minded "full-service" internet company. Lead the development of one of their most important products. Drafted and carried out the vision for my department: got everyone to look beyond PHP to other open source solutions such as Node.js & React/Flux, helped to set up customer support. Launched two projects. Contributed to the sales pitches and in charge of the software architecture of all technically challenging projects.

Genera S.A.

SANTIAGO, CHILE

Lead Developer

Jan '14 – Jan '15

Genera S. A. is a Human Resources Management company which uses advanced technology to better manage the human factor on their clients. Lead the Research & Development department reporting directly to the general director, Alberto Achondo. In charge of the research and development of biometrics solutions for our clients. Launched three full projects for fingerprint identification. Worked closely with sensors and other kinds of hardware on our embedded systems. Development on C over ARM boards running Linux. Contributed to the sales pitches and in charge of the software architecture of all technically challenging projects.

Datys

HAVANA, CUBA

Lead Developer

'09 – Jan '14

Datys is a Cuban company which has made great strides on the last few years both in Cuba as in Latin America. Lead developer on software oriented to the tourism sector. In charge of the Point of Sales (POS) project development which runs on every hotel in Cuba. Contributed with other teams on different projects ranging from bio-metrics to internal tools development. Contributed to the software architecture, design and development of all technically challenging projects I could get my hands on.

CENATAV

HAVANA, CUBA

Lead Developer & Researcher

'08 – '09

CENATAV is an investigation center focused on Pattern Recognition, Data Mining and Biometrics research and applications. Worked as a software developer on biometric solutions. Researcher as a PhD student on biometrics and specifically on indexing of large fingerprint databases. Lead the development and maintenance of our own technology library where all the researchers could share and enjoy on the latest publications.

Please refer to my [LinkedIn](#) profile for a more complete list of work experiences along with recommendations.

Education

Instituto Superior Politécnico José Antonio Echeverría (CUJAE)

HAVANA, CUBA

Bachelor degree in Computer Science (CS)

2003 – 2008

Main courses in Programming Languages, Algorithms, Data Structures, Software Design, Software Architecture, Systems Engineering, C/C++, Web Technologies. Picked up quite some PHP and Java skills along the way.

Skills

Technical expertise: Big fan of Agile methodologies and continuous delivery and functional programming. Enjoys writing C/C++/Go/PHP/Java and JavaScript. Solid knowledge of SQL and relational databases (PostgreSQL, MySQL, Oracle, SQLite). Solid knowledge of web technologies. Able to architect and implement distributed systems. Strong Linux administration skills (e.g. Bash scripting). Strong Embedded systems development and integration skills. Complex problem solver skills. Strong decision maker. Excellent communicator. Independent, organized, punctual, positive attitude, team player, fast learner. Happy Git user. Emacs and VIM user.

Natural languages: Spanish (*mother tongue*), English (*full professional proficiency*).

Interests

Non-exhaustive and in no apparent order: Internet of Things (IoT), Mobile Development, Cloud Computing, Big Data, Functional Programming, Concurrency, Algorithms, Coding, Readable Code, Problem Solving, Linux/Unix Kernel, Embedded Development, New Technologies, Frameworks and Libraries, Web Development, Software Architecture, NoSQL, TDD, Design Patterns, Software Design, Cryptography, Open Source, Startups.