

Gabriel Ramirez *April 9, 1983*

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Summary

Creative and business-savvy designer of solutions. More than 10 years of expertise across a range of challenges in several business sectors. Ability to combine vision and ingenuity in order to provide a future-proof answer to any problem. Proven leadership capacity. *Areas of expertise include:*

- Software architecture and engineering.
 - Agile software development.
 - IaaS technologies.
 - CD/CI tools.
 - Electrical and electronics engineering.
 - Hardware and embedded software design.
 - Data center infrastructure design.
 - Network design.
 - Leadership.
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Experience

[bol.](#)

Software Engineer

UTRECHT, THE NETHERLANDS

Nov '23 – Present

[Quin](#)

Recruited as tech lead for the newly created integration team, later also tech lead of the platform team.

AMSTERDAM, THE NETHERLANDS

Tech Lead

Sep '21 – Oct '23

Key Contributions:

- **Definition of a set of common libraries to be used by the teams.**
- **Standardization of the processes at the backend.** Including git processes, developing processes, pipelines, etc.
- **Architetural update for the backend.** By using a domain-driven design and clean code principles to rebuild it.

[Backbase](#)

Recruited as a Backend trainer; then moved to the R&D department to help in the development of a new product for the company called "Digital Sales."

AMSTERDAM, THE NETHERLANDS

Backend Engineer

May '20 – Aug '21

Key Contributions:

- **Definition of the architecture to create a library of connectors to third-party APIs.** The resulting template is in use to achieve full auto-config capabilities for rapid switching of connectors by the clients.
- **Updating CI/CD pipelines and release the product each cycle.** Changes done to the CI/CD pipeline decreased time-to-test and also allowed faster time-to-release.

Backend Trainer

Jan '20 – May '20

[Software Natura](#)

Software Engineer

ASUNCION, PARAGUAY

Feb '17 – Dec '19

Key Contributions:

- **Re-definition of the stack for internal apps.**
- **Updating of an old app to observe tax regulation changes.**
- **Definition of the stack to be used during code development.**

QA Engineer

May '16 – Jan '17

[Santco SRL](#)

Software Engineer & Team Lead

ASUNCION, PARAGUAY

Nov '14 – Mar '16

Key Contributions:

- **Implementing Agile software development by using the Scrum framework.**
- **Establishing the entire technology stack for the company.**

[Technoma SACI](#)

Field Engineer

ASUNCION, PARAGUAY

Mar '10 – Jul '12

[CBA SA](#)

Technology Consultant

ASUNCION, PARAGUAY

Mar '11 – Oct '11

Key Contributions:

- **Establishing the virtualization and resource allocation stack.**

Paraguayan Ministry of Interior
Recruited to help in the design for the Center of Security and Emergencies for the National Police force.
Technology Consultant
Key Contributions:

- **Design of the physical infrastructure of the network and data centers.** Built a resilient optical network able to sustain the transmission and storage in real time of video data.

ASUNCION, PARAGUAY

Mar '10 – Mar '11

Catholic University of Asuncion

ASUNCION, PARAGUAY

Junior Researcher

Oct '07 – Apr '10

Key Contributions:

- **Definition of the hardware to be used by the "CompuBus" team.** By the use of microcontrollers and small-factor computers, embedded software developed in C and C++, and also some software in C that communicated with the Linux kernel.

IT Manager

Oct '05 – Oct '07

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

Education

University of Leuven

LEUVEN, BELGIUM

Masters degree in Nanoscience and Nanotechnology

2012 – 2014

Area of interest: Bionanotechnology.

Catholic University of Asuncion

ASUNCION, PARAGUAY

Electrical Engineering (discontinued)

2007 – 2010

Bachelors in Electrical Engineering

2002 – 2006

Skills

Technical specialties: Software design and implementation, with(in) a team. Commodore Basic, C, C++, Java, JavaScript, Python, were my first languages (yes, you read that right... that's "Commodore 64 Basic"). Solid knowledge of back-end web technologies, particularly X/YML, JSON, REST. Only basic knowledge of web front-end (jQuery, Angular, React). Linux administration skills: bash, NGINX, Apache, Tomcat, Glassfish, Payara, MySQL, PostgreSQL, SQLServer, cloud (AWS, Azure, Google Cloud), data center automation (Terraform), continuous integration (Jenkins), and containerization (Docker).

Natural languages: Spanish (*native language*), English (*full professional proficiency*), German (*limited working proficiency*), French (*elementary proficiency*).