

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.

Experience

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UTRECHT, THE NETHERLANDS

Software Engineer

Nov '23 – Present

Quin

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.
- **Architectural update for the backend.** By using a domain-driven design and clean code principles to rebuild it.

Backbase

AMSTERDAM, THE NETHERLANDS

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."

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

ASUNCION, PARAGUAY

Software Engineer

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

ASUNCION, PARAGUAY

Software Engineer & Team Lead

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

ASUNCION, PARAGUAY

Field Engineer

Mar '10 – Jul '12

CBA SA

ASUNCION, PARAGUAY

Technology Consultant

Mar '11 – Oct '11

Key Contributions:

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

Paraguayan Ministry of Interior

ASUNCION, PARAGUAY

Recruited to help in the design for the Center of Security and Emergencies for the National Police force.

Technology Consultant

Mar '10 – Mar '11

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.

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 XML, 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*).