

# Santiago Gaona Carvajal

Systems and Computer Engineering,  
Designing scalable FullStack solutions with a focus on CI/CD and cloud.

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## Relevant Experience

FullStack Developer - **Habitanto (Startup)** → Jan 2024 - Present

- Migration of on-premise systems to AWS to optimize the existing infrastructure, improve scalability, and reduce operational costs, ensuring a seamless transition with no service disruptions.
- Designing scalable architectures to meet the growing demands of the company, ensuring high availability, resilience, and performance in the deployed applications.
- Refactoring the current company architecture to enhance efficiency, reduce technical debt, and align it with modern development best practices and industry standards.
- Managing the product area for new ideas and innovations, from conceptualization to implementation, ensuring that the developed solutions meet market needs and the company's strategic objectives.
- Design and implementation of scalable, high-performance software architectures that meet the company's technical and business requirements, ensuring that solutions are robust, maintainable, and aligned with industry best practices.

FullStack Developer - **Freelance (Self employed)** → Aug 2023 - Jan 2024

- Development and delivery of robust, high-quality production code across a variety of projects, specializing in distributed systems based on microservices and utilizing technologies such as GraphQL, REST, and SOAP.
- Development and architecture of technical solutions to meet business requirements.
- Close collaboration with designers, project managers, and engineers to transform creative concepts into production realities, ensuring comprehensive and accessible solutions for clients.
- Leading and facilitating enterprise-level accessibility initiatives, including the technical documentation of best practices and training in containerization technologies like Docker and Kubernetes, as well as databases such as PostgreSQL, MongoDB, and Redis.

Technology Consultant - **PriceWaterhouseCoopers (PwC)** → Nov 2022 - Aug 2023

- Leadership in understanding and analyzing specific client needs, ensuring that automation projects meet the established objectives.
- Effective management of automation projects, coordinating resources and timelines to guarantee the successful delivery of solutions.
- Design and development of software focused on Robotic Process Automation (RPA) and Intelligent Process Automation (IPA), meeting client requirements and expectations.
- Active participation in the testing and validation process to ensure the quality and functionality of automated applications and processes.
- Providing training and guidance to end-users and other team members.
- Responsible for the effective integration of systems to ensure smooth and uninterrupted operation of the implemented solutions.
- Providing ongoing maintenance and technical support to resolve emerging issues and optimize ongoing applications and processes.

IT Services - **Decathlon** → Mar 2022 - Nov 2022

- Responsible for ensuring the operability of devices and technological platforms at Decathlon Bucaramanga, with a particular focus on billing systems.
- Ongoing supervision and maintenance to guarantee the efficient operation of equipment and associated software..
- Management of SQL and NoSQL databases, focusing on the stability and performance of information systems.
- Implementation of data management practices to optimize information access and security.

## Knowledge

### Programming Languages

JavaScript, TypeScript, C#, Java, Go, Dart, Bash, HTML, CSS, Sass.

### Libraries and Frameworks

.NET, Node, React, Next.js, Astro, Flutter.

### Databases

SQL, MySQL, PostgreSQL, RDS, MongoDB, Redis, DynamoDB

### Tools and Platforms

AWS, Azure, GCloud, Git, GitHub, Vercel, Docker, Kubernetes, Terraform, Firebase, Figma

## Education

Systems and Computer Engineering  
Universidad Pontificia Bolivariana

Specialization in Information  
Technology Management (In progress)  
Universidad Pontificia Bolivariana

## Personal Projects

### CopyFile

React, TypeScript, .NET, Java, Go, Kubernetes, Terraform, REST, SOAP, Flutter, Scala

### Ateneo

React, Next.JS, .NET, Flutter, Docker, Kubernetes, Terraform, PostgreSQL

### PartsCO

Node, Express, Bootstrap, JavaScript, EJS, CSS, MySQL

### RecipeDiary

JavaScript, Node, Express, Flutter, MongoDB

## Certifications

Oracle Cloud Infrastructure 2023  
Oracle

Programación en Python  
Programación en JAVA  
Desarrollo de Aplicaciones WEB  
MinTIC

Developer Foundation  
Developer Advanced  
UIPath

## Interest

Gym, Reading, Podcasts