

# SEBASTIÁN ZULUAGA RIVAS

Industrial Engineer | Software Developer

## CONTACT

- Portfolio | <https://jsebaszr.dev>
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- Location | Colombia - Armenia, Quindío

## PROFILE

I'm someone who enjoys innovation and discovery, always motivated to learn new things. Believing in respect, responsibility, and honesty. I consider myself perceptive, dedicated, cooperative, analytical, disciplined, patient, resourceful, and optimistic. Highly focused and deeply interested in programming, software development and tech solutions

## EXPERIENCE

### Software Developer at Free time

hobbies and free time

- Development of a Gantt web application for resource plan sequences edition and visualization | <https://gantt.jsebaszr.dev>
- Development of a desktop application to generate thermal maps and video sequences of its data evolution in time
- Conversion, processing, and analysis of millions pharmacovigilance data records
- Development of management and batch inventory control application for an international coffee production and trading company
- Technical consulting and technological assistance for existing business applications and under development
- Development of QA tests, automation scripts, web scrapers, interfaces, websites and applications

### Software Developer & Implementation Specialist at WinData, Armenia

february 2023 - current

- Onboarding, configuration, installation, integration, training and support of a management platform for healthcare providers
- Requirements analysis and customized technological solution adaptation for clients healthcare providers
- Part of the development and QA testing team for a platform that manages and records patient diagnoses and treatments
- Part of the development team of an application for the community investment on vacant lots and construction projects
- Software architecture design of a multi-tenant platform to control and management for healthcare providers

### Software Developer & Implementation Specialist at Nafrutex, Colombia

april 2019 - june 2021

- Training and support of customers on a platform to manage fruit and pulp batch orders with custom required integrations
- Custom configuration of API integrations according to client requirements on a platform to manage fruit and pulp batch orders
- New features development of (B2B) platform to manage automatic batch orders and distribution of fruit and pulp customers
- Training to staff departments on using an internal control system to manage supplies, raw materials and products in process
- Development of an internal application for inventory and product in process management across all departments

### Software Developer at OptiPlant Consultores S.A.S., Armenia

august 2015 - september 2018

- Part of the development team for a web integration platform with digital factory models that simulate production and logistics for a brewery in Latin America
- Development of Balance web application for real time adjustment and balancing of loads and distribution routes across cities, regions, and countries for a brewery in Latin America
- Development of Gantt web application for graphical visualization of optimized production plan sequences for beer, caps, and labels factories in Latin America

## EDUCATION

### Master's in Strategic Planning and Management, Universidad Libre de Colombia, Pereira

march 2020

- Thesis Project Diagnosis and plan for entrepreneurship unit strengthening of a University

### Bachelor in Industrial Engineer, CUE Alexander von Humboldt, Armenia

may 2015

- Intern at OPC OptiPlant Consultores S.A.S., Armenia, August 2014 to May 2015**  
Thesis Project - Parameterization of a cap production plant for the creation of its Digital Factory Model  
Internship - Application for software development costs estimation
- Intern at IBG Iván Botero Gómez S.A. (Production Plant), Armenia, January 2013 to April 2014**  
Internship - Development of a Material Requirements Planning (MRP) application  
Internship - Design of graphic guides for the manufacturing and assembly of all furniture production plant product

## SKILLS

### ◦ TECHNICAL ◦

- 5 years Html & Css
- 5 years JavaScript
- 3 years SvelteJs
- 3 years ElectronJs
- 3 years NodeJs
- 1 year Python
- 3 years SQL & MongoDB
- 2 years Playwright & QA
- 2 years Git & GitHub
- 3 years Microsoft Excel
- 2 years Power BI

### ◦ LANGUAGES ◦

- Spanish (Native)
- English

### ◦ SOFT ◦

- Problem solving
- Creative thinking
- Critical thinking
- Strategic vision
- Resilience
- Teamwork
- Effective comms
- Perseverance
- Planning

### ◦ METHODOLOGIES ◦

- Scrum
- Kanban
- BDD
- Solid