Matías Juarez

matiasjuarez400@gmail.com
+54 351 7891304

Summary

For 5 years I have been working as a Backend Engineer.
During this time I have developed a passion for logical problem solving and good code design.
I strongly believe that when it comes to code there is always room for enhancement. That is the reason why I am always searching for the possibility to improve the base code and to propose new ideas that I consider can benefit the team as a whole.

Technical skills

- Java 8
- JUnit
- Mockito
- Hibernate
- Ruby
- MongoDB
- Maven
- Git
- Design patterns
- MySQL
- Ruby on Rails
- GraphQL

Languages

- Spanish (native speaker)
- English (advanced)

Career History

Venmo, Contractor
November 2020 - Present
I work as a Backend engineer for a big company involved in payment processing.
This position has been the most challenging one due to the fact that I had to learn a lot of new technologies and the business rules related to the payment industry.

InclulT, Argentina
Project: XPO Logistics
July 2019 - November 2020
As a Backend Developer I have been working in different microservices that are core to the company's operations.
Accomplishments:

1. I wrote a library that allows you to create ready-to-use instances of classes that are populated with data that follows business rules. This way you do not have to start with an empty object every time you need to write a new unit test.
   The library also allows you to introduce some randomness in the values of the instances that are created. Despite the fact that it may sound crazy, a certain combination of values can emerge from this randomness that can help you discover certain paths or situations that you did not consider while developing your unit tests.
   The library gives you access to instances of ubiquitous classes, but it also provides a simple mechanism by which you can extend its capabilities if needed.
   By making use of this library, I was able to create unit tests a lot faster and to get 95% code coverage in one of the services.
2. While I was writing code for a very big new endpoint, I realized that my code was getting messy really fast and that it was hard to understand what was going on even for me. So I decided to rewrite the code in a different way than the one the company's standard dictates.
   The Java Lead loved the final result. He organized a meeting with the company's backend developers so I could expose this new idea to them.

Project: Telecom Personal
November 2017 - July 2019
I was part of a team that provided development services for a mobile application used by company customers.
Accomplishments:

1. When I started working in this project, one of the first things I noticed is that we were making use of a technology very close to plain text to handle the behaviour and the look of the different application views.
   This fact represented an obstacle per se because you did not have any help at compile time and the errors would only show up at runtime.
   This problem became very evident when the customer decided to introduce more than a hundred Google Analytic Metrics. At this point we had some Metrics already in place among the files of this plain-text technology.
   I proposed a new way of creating these Metrics. Basically the information of these Metrics was moved to Java code and then the Metric was inserted in the view.

By doing this change we could start receiving help from the Java compiler, we were able to gather all Metric related information in one place which made the code more maintainable and easier to refactor.

2. After the acceptance of the new way of creating Metrics, I decided to get rid of the plain-text technology for good.
   I was able to introduce a new layer of code that gave the developer the possibility to write the application views using the plain-text technology, Java code or a combination of both.

3. Every time we needed to create a new application view, we had to create a series of files and relate them in a certain way to make the code work properly.
   Once I detected this recurring pattern, I decided to write a small code that allowed the developers to get a template with all the files needed for a new view with one click.
   This allowed us to save some minutes every time a new view was needed. It also provided some help to newcomers to get started with the project architecture.

Globant, Argentina

October 2016 - November 2017

Project: Disney Parks and Resorts

I was part of a team dedicated to the unification of the phone and web commercialization channels. That is, we made the shopping cart compatible with both channels.

Accomplishments:

1. I was given the task to set up RabbitMQ on a server from scratch and make our backend code communicate with it.
   It was a riveting experience if you take into account that it was the first time that I was confronted with the concept of asynchronous communication.

Instituto Privado de Radioterapia Oncológica, Argentina

October 2015 - November 2016

This first experience as a developer took place in a medical institution.
As a member of the IT department, my daily tasks included database administration, internal application maintenance, having meetings with staff members from different areas to understand their needs and improve the applications accordingly.

Accomplishments:

1. I developed a script to turn off workstations at night.
   This provided some energy efficiency improvement to the institution.

Education

Universidad Tecnológica Nacional, Córdoba, Argentina / 2011 - 2016 (Not finished)
Title, Information Systems Engineering

Coursera. Stanford Online
Machine Learning
https://www.coursera.org/account/accomplishments/certificate/4UA6K5MSRNMZ