

# Juan Ibiapina

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## Summary

I have 6 years of experience with web development. I have worked in many different layers of software development, including backend, front end, mobile and server automation. My main focus is back end and I advocate code quality, readability and maintainability.

My main skill is learning, and I like to stretch it in daily challenging situations. I was lucky to have had the opportunity to join my first three jobs without knowledge of the technologies involved and have learned them. I love environments where I can grow, surrounded by smart and interesting people.

I love to code, and more specifically, I love programming languages and paradigms. I have experience with many programming languages and technologies, and willing to learn anything. I'm also confident working with fast delivery, continuous integration and many agile ideas. I'm fluent in Portuguese and English and also a game and music enthusiast.

## Experience

### Software Developer at Globo.com

May 2015 - Present

I joined Globo.com to work on the web media platform team. Our team is responsible for receiving and encoding videos to be prepared for internet delivery. We work on a system that provides both an UI and an API for uploading videos and metadata. This system is distributed in more than 50 locations across Brazil, gathering and processing videos from all partners. We process more than 2.5TB of videos on a weekly basis, accounting for more than a thousand hours of content.

Accomplishments:

- Designed a content protection microservice that integrates with 3 third party APIs
- Participated on hiring interviews for most people hired in the Porto Alegre office
- Started an initiative to gather video encoding metrics and better understand our system
- Helped shape the office culture
- Mentored less experienced developers

Technologies:

- Ruby, Javascript and Coffeescript
- Rails and Backbone
- Ffmpeg and x264

### Software Developer at Bearch, Inc.

November 2014 - April 2015 (6 months)

We developed an anonymous social network.

The whole team worked with all parts of the development, so I had the opportunity to work with a Go backend hosted on Google App Engine, an Android and an iOS application. All of these technologies were new to me.

### Full Stack Developer at e-Core

March 2013 - November 2014 (1 year 9 months)

We developed a single page application for a remote client in New York.

It consisted mainly of Rails and Coffeescript, but I also had the opportunity to learn Grails, Puppet, Chef, Solr, Mongo, Postgres and Redis among others. I was hired not only because I knew some of the technologies involved but also because I was willing to learn the ones I didn't know. This was a project that could change very fast.

This was my first significant contact with infrastructure and automation. After I joined, we changed the deployment from a manual two hour process to fully automatic 160 seconds. We experimented with virtual machines, docker containers, different deploy and provisioning strategies. I spent most of my time working from home, since the whole team was remote anyway.

## **Full Stack Developer at Codeminer42**

July 2012 - February 2013 (*8 months*)

We developed systems for startups.

It was my first experience with Rails, but also included some front-end development. Since each developer was responsible for managing a whole project, our responsibilities involved coding, creating interfaces, thinking about user experience, negotiating with clients etc. Some of these things I had to learn on the fly.

We tried to incorporate and contribute to edge rails and gems. We also tried to focus on fast delivery, adopting agile practices that helped us achieve that goal. We were a very tightly coupled team with similar backgrounds and motivations.

I was also one of the first people to be hired on our branch of the company, so I had the opportunity to help build the culture we wanted. Even given my inexperience at the time, I learned a lot from the experience and it helped shape some of my future career goals.

## **Development Consultant at ThoughtWorks**

January 2011 - June 2012 (*1 year 6 months*)

Consisted mainly of consulting and web development for the retail industry, with daily client facing situations. I worked mostly on maintaining and developing new features for a large legacy Java code base. Teams were distributed across Brazil, India and the US.

This was my first contact with agile practices. I have learned much from it, including the importance of pair programming, TDD and Continuous Integration. I had a mentor that helped me build most of my ideas about development.

I was part of initiatives to improve the development and feedback cycles. We introduced Javascript unit tests into the continuous integration framework, incentivized the culture of looking into build status and extended the development tools. All of these initiatives improved the team speed and motivation. I was really proud to build something important for the team.

## **Education**

### **Universidade Federal do Piauí (UFPI)**

Bachelor of Science (BS), Computer Science, 2004 - 2007

## **Languages**

- Portuguese (Native)
- English (Professional proficiency)