


# GuilhermeDeMaio

Software Developer

## contact

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## languages

native portuguese  
fluent english  
basic french

## programming

Elixir, Java, Ruby,  
Javascript, C, Python,  
HTML, css, bash,  
Kafka, Spark, docker,  
monitoring tools

## interests

distributed systems,  
making a better world,  
data structures, music,  
martial arts, science  
fiction books

## about me

I've been developing software for 10 years, from web apps to embedded media applications. During this time I've come to believe that: - Empathy first, always - Trust is key - Less is more

On the tech side of things, I'm more of a backend/operations type, but I do dabble a bit on the frontend. I enjoy taking part and ownership of where and how applications are deployed and monitored.

I take pride in being part of team. I enjoy giving talks and getting to know people at conferences. I've been a team lead before, and I dislike the term "soft skills". Once you're in a position as such, those so called "soft" skills are exactly what is most important.

## recent experience

September 2015 – \*

### Senior Software Engineer at XERPA

São Paulo - Brazil

I joined the company as their first employee to help build the SaaS platform tackling HR bureaucracy in Brazil. We started from day-0 with Elixir and Phoenix on the backend, with the frontend initially in simple html/css/jquery. We eventually migrated the frontend to ClojureScript using a GraphQL API.

Among things I took part are:

- Bootstrapped the platform using Elixir, Phoenix and PostgreSQL
- Managing infrastructure with Terraform and Ansible
- Built libraries for:
  - Authentication and Authorization
  - Indexing things to Elasticsearch, as well as defining mappings
  - Resizing and manipulating images
  - Integrating with payment gateways
- Defining and prioritizing features together with product and business/sales teams. I also did visit "beta" clients in the beginning to get a better understanding of the problems we needed to solve.
- Collaborating heavily with Customer Success team to help streamline client usage after signup, focusing on quickly solving bugs and creating stories to improve the user experience
- Using OCR to identify unique numbers in PDFs, built a document distribution feature which greatly improved sales and customer satisfaction.

November 2012 – September 2015

### Team Lead (Search and Analytics) at Elo7

São Paulo - Brazil

A marketplace with high traffic and transaction volume. The stack was based on Java, Ruby and Scala on AWS infrastructure. A fast paced environment, with agile practices, and focusing on delivering fast with quality. We measured and logged using StatsD, Graphite, and NewRelic, and deployed constantly. I was leading the Search and Analytics Team: a small team using Solr, Kafka and Spark to improve search and real time reports, and responsible for its infrastructure and pipeline tools.

## past experiences details available upon request

04/2012 to 10/2012 - Intern at INRIA Paris-Roquencourt

Paris - France

03/2011 to 09/2012 - Undergrad Researcher at USP - CHOROS project

São Paulo - Brazil

08/2010 to 02/2011 - Software Developer (C/C++) at RR Sistema

Vitória/ES - Brazil

01/2009 to 12/2010 - Undergrad Intern at Multimedia and Network Research Lab

Vitória/ES - Brazil

08/2008 to 12/2008 - Undergrad Intern at LASSY

University of Luxembourg - LU

03/2007 to 12/2007 - Undergrad Intern at NINFA laboratory

Vitória/ES - Brazil

09/2006 to 03/2007 - PHP Developer at Lettera Soluções

Vitória/ES - Brazil

## education

2011–2014

Master in Computer Science

University of São Paulo - Brazil

2005–2010

B.Sc. in Computer Science

Federal University of Espírito Santo - Brazil