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 - CHOReOS 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