

Samuel Brandão

Software Engineer

contact

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languages

portuguese native
english fluency
italian fluency

programming

Python 3
Ruby (& Rails)
PostgreSQL, MySQL
MongoDB
Git
C
JavaScript
Angular, JQuery
CSS3 & HTML5
F#
PHP & Wordpress
Erlang
Scala (Basic)
Java

concepts

Functional Programming
Database Design
Software Design
MetaProgramming

about me

I am a passionate software engineer currently looking for opportunities to learn/work with distributed concurrent systems and functional programming. I started programming at the age of 11 and working professionally at the age of 19. While being a self-taught programmer contributed strongly for my problem solving skills, I decided to pursue a more conscious and comprehensive knowledge of the computing ecosystem, enrolling for a Bachelor Degree in 2011.

education

2011–2015 **Bachelor** of Computer Science
Laurea in Informatica

Università degli Studi di Milano

experience

2004–Now **FREELANCE DEVELOPER**

Brazil, Italy, Brazil

Developer

I've been working as a Freelance Developer approximately since 2005, having worked with a comprehensive set of technologies. Most of my skills were self-taught,

particular projects

2012–2014

Miviro

<http://www.miviro.com.br>

Lead Developer

Miviro is a social network/management tool for tour agencies, developed with Ruby on Rails, HTML5, CSS3 and plenty of Javascript/Ajax. I've implemented dozens of functionalities, re-designed the overall app and database. Particularly interesting was the reporting system which allowed for administrators to retrieve summarized information using natural language queries as an interface to the database.

2011

Wertix CMS

Standalone project

Lead Developer

Wertix was a Content Management System developed from scratch as a mean to practice and learn the Ruby on Rails framework. It employed a very interesting concept of page blocks. Every content type created could be either displayed in standalone mode (a gallery, for example) or as a page block, which could then be easily dragged-and-dropped to any position in any other page. The complexity of the system was on handling the polymorphic characteristics content types using relational databases (PostgreSQL).

communication skills

2005–2012 **Bachelor in Drama**

Universidade Federal de Minas Gerais

Acted as a professional actor/performed for about 6 years.

interests

programming languages and paradigms (specially functional), distributed systems, reactive platforms, actor models, concurrency, meta-programming.