

## Fábio Gabriel de Magalhães

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Porto Alegre, Rio Grande do Sul, Brazil  
GitHub: <https://github.com/fabiogm>

### EDUCATION

*Bachelor of Science, Applied Mathematics*  
Universidade Federal do Rio Grande do Sul (UFRGS), Brazil  
2012-2016

*Bachelor of Science, Computer Science*  
Universidade do Vale do Rio dos Sinos (Unisinos), Brazil  
2006-2010 (Not graduated)

*Technician, Information Systems*  
Colégio São Luís, Brazil  
2001-2004

### COMPUTER SKILLS

*Programming Languages:* Java, Python, Javascript/Node.js, C, Ruby, R, C++  
*Tools & Methodologies:* Git, Agile, test-driven development, behavior-driven development  
*Operating Systems & Platforms:* Linux, OSX, Windows, Unix, Amazon Web Services, Google App Engine, Heroku

### EXPERIENCE

*Consultant Developer* 2014-Present  
ThoughtWorks

- Leading international retailer - extension of a large scale order routing system responsible for routing all e-commerce orders
- Leading US healthcare improvement company - creation of a data visualization and predictive platform for revenue forecasting used by contract managers
- Large US online marketing and advertising provider - implementation of a control panel for advertising campaign managers. Single Page Application using AngularJS and Ruby on Rails.
- Large Brazilian retailer - development of a Business Intelligence platform using Hive in the cloud (Amazon EMR). Interface with legacy systems using Ruby and Oracle 11g.

*Freelance Developer* 2012-2013

- Developed websites using Python and Javascript
- Developed a small scale CMS using Python running on Google App Engine platform
- Developed a prototype for a platform game using Python and PyGame

*Software Engineer* 2009 - 2011  
Tools and Technologies

- Worked in the design and implementation of banking software for ATMs, using C++ (backend), HTML and Javascript(UI). Acted as a contractor for a Brazilian company which is the largest player in the segment of technologies and services for business and electronic transactions.
- Worked in the design, implementation and maintenance of firmware for storage controllers using C. Also contributed in the design, implementation and maintenance of test infrastructure using C++ under Unix. Acted as a contractor for a multinational company on a demographically distributed team.

*Software Developer*

2008 - 2009

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- Worked in the design, implementation and maintenance of banking software (point of sale automation). Employed C++ for branch server and Visual Basic for points of sale using SOA architecture over DCOM.

**CONTINUING  
EDUCATION**

Statistical Inference, Regression Models, Reproducible Research, R Programming, The Data Scientist's Toolbox, Exploratory Data Analysis (Parts of the online specialization in Data Science by John Hopkins University, 2014-2015)

Development of ARM7 firmware using C language (2010)

Introduction to CMMI (2008)

Italian Language, modules Basic I and II (2007)

**HOBBIES AND  
INTERESTS**

Mandarin Chinese, musical composition, science fiction

**LANGUAGES**

Portuguese (Native), English (Full professional proficiency)