



### Alex Rabelo Ferreira

Brazilian, single 26 years old  
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Portfolio: [alexferreiradev.github.io](http://alexferreiradev.github.io)

### Goal

Software Engineer, open to new challenges in a enterprise development department.

### Qualifications abstract

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main qualifications:

- clean coding with strong maintainability using TDD
- code with design patterns
- Working in group
- Tasks and agenda well organized
- Git hub updates in the open source community
- Continuous learning
- ready to new challenges

Concepts that I used while Java/Groovy developer:

- Spring Boot
- Spring MVC
- Rest Web Service
- Micro-services
- Grails
- Gson
- Gorm
- Hibernate
- Postgres

Concepts that I used while Android developer:

- Activity life cycle
- Fragments life cycle
- SqlHelper (Contracts, SQLite, ContentProvider)
- Widgets (ListView, GridView)
- MVP pattern to facility the test coding

### Jobs historic

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The main developed projects are available on-line at [alexferreiradev.github.io](http://alexferreiradev.github.io). The last professional jobs are described below:

#### **ZG Soluções** – June of 2017 until now

Component development that increase enterprise software evolution. The enterprise create and support new solutions to hospitals. The solutions support the hospital billing to minimize the manual management of medical glosses. The software manage until 90%, leaving only 10% to manual management. He worked in the sustentação team that support the zeroglosa nucleo solution and in the refatorações team that created the zglight project. The zglight project use a lot of micro services to possibility the hospital employers to manage the hospital billing. He developed many zglight's component and increase the zglight support to new heath insurance companies.

Occupation: Java/Groovy software developer

#### *Main results*

- Addition of new features to the systems on each sprint
- Added 10 heath insurance companies support.

- Contribution to the creation of the zglight solution in six months.
- Creation of rest services well defined and tested.
- Creation of requirements documentations
- Colaborator's training to Regex and Git-flow
- Talker to promote the entererprise marking in local events like DevFest and Meetups from gojava
- Talker to promote the entererprise marking in own events promote by the ZG like MVP – Most Valuable Professional ZG

**Universidade Federal de Goiás (UFG)** – January of 2016 until March of 2017

He worked in research team that meet in all weeks to define the need tasks to resolve a research problem, the energy characterization of the enterprise applications energy consumption. The team developed a analytical model that characterize the energy consumptions. After that, they created a evaluation environment with the TPC-W benchmark, developed in Java. In the research's end, they published a full paper at SBRC.

Occupation: Distributed system researcher

*Main results*

- Publication of a full paper in the main track of a B2 event.

**Rede Nacional de Pesquisa (RNP)** – February of 2015 until February of 2016

Public institute that realize researches in the network fields in Brazil. He worked at the FIBRE project. A bigger computation resources network available to all federal network researches in the country. About 10 universities in the country had a island with some computer resources and he manager the UFG Island.

Occupation: Island Manager

*Main results*

- 1 year of a functional island without any problem.
- Servers configurations with Xen server and Linux servers OS.

**Research Laboratory – LABTIME/UFG** – February of 2014 until February of 2015

A UFG laboratory that lead many digital education projects. He worked in the E-PROINFO, a project between MEC and UFG to create a mobile app to digitalization of public colleges through tablets. The team was composed by designers, system annalist, and Web, Android and IOS developers.

Occupation: Android developer

*Main results*

- Development of use cases to the E-proinfo app.
- Creation of Android OS versions documentations.
- Evaluations of cryptography, movies and e-pub APIs for Android.

**Research Laboratory – LUPA/UFG** – august of 2012 until august of 2013

Laboratory of researches financed by private enterprises. He worked with a team that developed the CloudMonitor project that had the goal to develop a framework to manage computational resources automatically in cloud environment implanted with the OpenStack.

Occupation: Java Developer and support annalist

*Main results*

- All laboratory's machines in perfect state
- OpenStack servers work well during the researches
- Xen Servers implantation in a blade
- Developing of framework's components in JAVA

## Education

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- Master in Computer Science – (UFG/INF) – 2015 – 05/2017;
- Android Developer Nanodegree, Udacity – Udacity – 2016 – 11/2018;
- Graduated in System of Information – (UFG/INF) – Goiás – 2010 – 2014;

## Languages

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- English: fluent reading, fluent writing, advanced conversation
- Spanish: basic reading, basic writing, basic conversation
- Portuguese: native language

## Certificates

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Course name: Kotlin Bootcamp for Programmers

Period: 12/02/19 – 24/02/19

Qualification: Desenvolvimento com Kotlin

Institution: Universidade Udacity

Course name: Android Developer Advanced Nanodegree  
Period: 16/10/16 – 04/11/18  
Qualification: Advanced Android development  
Institution: Udacity

Course name: Intermediated English  
Period: 4 years  
Institution: CL – Centro de línguas da UFG  
Qualification: English language

Course name: Instrumental English  
Period: 1 semester  
Institution: CL – Centro de línguas da UFG

Course name: My English Online  
Period: 2 years  
Institution: CL – Centro de línguas da UFG e CAPES – MEC

### **Volunteers jobs**

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Job: Volunteer Monitor of data structured subject  
Period: holidays time – 1 month  
Institution: INF/UFG

Job: Assistant of Maratona de programação event organization  
Period: 05/11/2011  
Institution: INF/UFG together SBC and ACM

Job: Student representative in master program meets  
Period: 2 years  
Institution: INF/UFG

Job: Finance manager  
Period: 2 years  
Institution: Diretório Acadêmico da Computação - DRACO

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## **Personal abstract**

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I am a person that came from a small city called Caldas Novas to the capital with one goal, increase my qualifications. I always like to create things, fix electronic objects and I was known in my family and school like a guy that like computers. So, the computer field called more attention at the moment that I need to choose my graduation course. Since then, I have increasing my knowledge in the computer science. I am not a genius, but I thinking that I am dedicated in my deeds, even I do not know the solution to a problem in that moment, I will investigate the problem cause to better found a solution in the fastest time and never give up, always trying. I am always learning new knowledges and increasing my professional skills. However, I could divide my time with my personal needs. I could do this leading to applications that I developed to get better management of my week. So, my hobby is develop solutions and test new technologies. Furthermore, I like to ride bike and go out with my girlfriend to a cinema at weekends.

## **Contacts**

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Portfolio: [alexferreiradev.github.io](http://alexferreiradev.github.io)

Linked-in: [/alexferreirati](https://www.linkedin.com/company/alexferreirati)

Git-hub: [/alexferreiradev](https://github.com/alexferreiradev)

Stack overflow: <http://pt.stackoverflow.com/users/67014> (PT) - <http://stackexchange.com/users/4109168> (EN)