



Alex Rabelo Ferreira

Brazilian, single 25 years old
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Portfolio: alexferreiradev.github.io

Goal

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

Qualifications abstract

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:

- MVC
- Rest Web Service
- Grails
- Gson
- Gorm
- Hibernate
- Postgres

Concepts that I used while Android developer:

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

Jobs historic

The main developed projects are available on-line at 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. I work in the sustentação team that support the zeroglosa nucleo solution and in the refatorações team that create the zglight project. The zglight project use a lot of micro services to possibility the hospital employers to manage the hospital billing. I developed many zglight's component and increase the zglight support to new heath insurance companies.

Occupation: Java/Groovy software developer

Main results

- 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

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

I 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, we creating a evaluation environment with the TPC-W benchmark, developed in Java. In the research's end, we 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. I work 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 I support 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. I 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.
- Evaluations of cryptography, movies and books APIs for Android.

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

Laboratory of researches financed by private enterprises. I work 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

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

Languages

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

Certificates

Course name: Android Developer Advanced Nanodegree

Period: 16/10/16 – Coursing

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

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

Personal abstract

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

Portfolio: alexferreiradev.github.io
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