Rafael Cassemiro Freire

Sugar Land, TX | +1 914 792 9227 | rafaelcfreire@gmail.com

About me

I have been working with software development for about 10 years. During this period I have been engaged on a wide variety of projects with different languages, architecture, scopes and sectors where high quality and usage of best practices were demanded. This experience in Software Engineering enables me to work in different scenarios that require critical sense and leadership skills. Currently I am working on distributed applications and modern related integration patterns like Messaging, RESTFUL Services , Microservices patterns on the Java language itself. I am a very enthusiastic person for topics related to metrics of quality in code and I usually write about it in my personal blog where I describe some of my experience in software development and related topics. My main objective in my career nowadays is to work in high performance projects in creation oriented environments where coding quality is essential and practiced in everyday tasks, not just a buzzword.

Education

BS | 2004-2009 | PONTIFICIA UNIVERSIDADE CATOLICA – MINAS GERAIS

BS in Information Systems

Certifications

- Google Cloud Certified - Professional Cloud Architect - Exp. Date: 2022/07
- IBM Certified Solution Designer – Object Oriented Analysis and Design , vUML 2
- Oracle Certified Professional Java SE Programmer – 82% achievement

Work Experience

LEAD SOFTWARE DEVELOPER| EPAM SYSTEMS INC.| 04/2016 – CURRENTLY

Currently I work as a Senior Software Developer in a large scale solution for a banking application. I am responsible for improving, maintain and creation of approaches for a legacy code and creation of standards for a new project that communicates with the previous. During this period I have been conducting the team for development strategies in Switzerland and in Poland. The technology stack of the application consists of Spring framework and some other related projects (MVC, Cloud, Microservices, Rest, Data), Javascript and HTML5 for the user interface. Furthermore I am responsible for internal trainings related with software engineering and technical interviews.

SYSTEM ANALYST | UNIVERSIDADE FEDERAL DE MINAS GERAIS | 05/2013 - 04/2016

I develop a Java EE system for the public healthcare in Brazil. It is responsible for measurement of taxes and budget for states according to their demand. It is a Web transactional system, using JSF 2.0 and Richfaces for the UI. Spring framework as transactional controller and Hibernate as ORM. We work with definitions of code quality patterns and Sonar to ensure our level of coding. I am responsible for creation of prototypes of user's interface using JQuery and Knockout.js.

SOFTWARE DEVELOPER | AVENUE CODE LLC | 08/2011 - 05/2013

I worked as a backend developer for the cliente Macys. It was a Product Information System using Spring MVC as main framework for view and Controller layers and Hibernate as repository layer, in this project we strongly used TDD during creation of new stories. Another relevant contribution I participated was in a media integration for the macys.com that was planned for users world wide. The tech stack was Facebook API focused in Javascript and JQuery.

SOFTWARE DEVELOPER | ALGAR TECNOLOGIA/SYNOS TECHNOLOGIES | 09/2009 - 08/2011

Development of a system focused in control taxes for the Minas Gerais government. Using JEE5 platform with a proprietary framework called Unifw that mainly is a abstraction layer for EJB2.1 avoiding some of his workarounds and need for configuration files. In this project I was responsible for refactoring the core of the application that consists in heavy use of remote transactions which improved the performance in 50 per cent in terms of memory usage and minimized in 30% the complexity of the code.

SOFTWARE DEVELOPER | ADI SISTEMAS DE INFORMACAO | 09/2009 - 02/2008

Development of an ERP focused in city hall's management. Based in a unified process and using the JEE5 specification mainly. The architecture is based on a three tier app with JSP, JavaBeans and JDBC, integration with third part software using SOAP (XML). Acted as key developer in a specific module related with financial limits.

Portfolio

- Rafael Freire Tech Blog
  http://rafaelcfreire.github.io

- LinkedIn Profile
  http://www.linkedin.com/pub/rafael-freire/31/a31/332

- GitHub Profile
  https://github.com/rafaelcfreire

- BitBucket Profile
  https://bitbucket.org/rafaelcfreire

- CodePen page
  http://codepen.io/rafaelcfreire

- Article "Favorecendo a qualidade de código com analise estática" published in Java Magazine – 109
  http://www.devmedia.com.br/codificando-com-selo-de-qualidade-revista-java-magazine-109/26309