**André Luiz Castro de Almeida Reis**

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## SOFTWARE DEVELOPER

I am an experienced software engineer focused in Human-Computer Interaction with an interest in building the most effective software possible. I have the desire to create products that bring a great experience for a large number of users. Something that makes the difference to people's lives.

For over 7 years, I have been developing software in the area of 3D CAD/CAE Visualization Software for Petrobras* that supports engineering processes. Desktop, mobile and web applications, I already developed in all kind of platforms and several types of languages: C#, Java, HTML, Javascript, CSS, PHP.

I don't hesitate to learn new things. My specialization is human-computer interaction, interfaces, mockups, disciplines related to front-end development. However, I worked 2 years of my life only studying binary files formats to develop a converter. So, I think the most important thing is to stay hunger to learn new technologies and face new challenges.

* Petrobras is a semi-public Brazilian multinational corporation in the petroleum industry headquartered in Rio de Janeiro, Brazil.

## Qualifications Summary

- Skilled full stack developer and UX Designer. Strong technical skills in software architecture, diagrams and documentation, interface testing, database and object oriented programming.

- Experienced in developing desktop and web applications. Worked in many projects with different code languages: C#, Java, Android, PHP, HTML, CSS, Javascript.

- Communicative personality, experience in dealing with people. Empathy to understand the client / user.

- Knowledge in Project Management, ITIL, Cobit, PMP, CMMI.

- Good balance between prototyping, business vision, development, management.

## Skills

Prototyping ▪ Mockup ▪ Interface Test ▪ C# Development ▪ HTML, JavaScript, CSS ▪ Java Development ▪ Diagrams, documentation and organization ▪ SQL Database Development ▪ Android Development ▪ Knowledge in Project Management, ITIL, Cobit, PMP, CMMI.

## Professional Experience

**TECGRAF (PONTIFICAL CATHOLIC UNIVERSITY OF RIO DE JANEIRO)**
Rio de Janeiro - Brazil
Institute that develops software for PETROBRAS (Gas & Oil Company).

**Software Developer,** 07/2011 to 08/2016
**Researcher,** 01/2009 to 07/2011

I started working as a researcher and after as a software developer. I have been developing software in the area of 3D CAD/CAE Visualization Software for Petrobras that supports engineering processes. I worked with several types of languages: C#, Java, HTML, Javascript, CSS, PHP.

*Key Accomplishments:*

- Developed a website called GERLIC using JAVA with STRUTS. It was a License Management for products bought by Petrobras Company.

- Developed a website using .NET C# to manage 3D Models visualization file of oil platforms and refineries.

- Developed and managed a team to build a system called COMPORT. It was a system composed by an android application and a desktop application. The employee scans a refinery equipment and fill a form about this equipment. After he transfers the information to the desktop application.

- Research about ISO15926. It's a standard for data integration, sharing, exchange between computer systems. We used to convert data from one plant design system to another. We developed solutions in Java and C# desktop.

- Developed a program called VUE Converter that converts VUE proprietary files to an open file format. First, I created a C# Desktop program to help me understand the binary format file. After that, I built the real converter using C#.

- Maintenance and update the Tecgraf website. Created new pages using HTML, Javascript and CSS.

- Maintenance and update System Log Website in PHP language.

- Maintenance and update 5 SBGF website in ASP Classic, Java and PHP. Using SQL Server and MySQL.

## Education & Technology

**PONTIFICAL CATHOLIC UNIVERSITY OF RIO DE JANEIRO** — Rio de Janeiro - Brazil
Bachelor in Computer Engineer, 2008
Master of Computer Science, Human Computer Interaction, 2012

**CANDIDO MENDES UNIVERSITY - UCAM** – Rio de Janeiro, Brazil
Specialization in Information and Communication Technology Management, 2013