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Open Work Permit in Canada

Objective

Obtain a Software Developer position that allows me to plan, design and build features that support great user experiences.

Summary of Qualifications

- Master's degree in Human-Computer Interaction.
- 7+ years developing mobile, desktop and web applications.
- 2+ years of product management and design experience.
- 2+ years of team leadership experience.
- Certified Scrum Master.
- Specialization in Information and Communication Technology Management.

Experience

Software Developer
2009 – Present

- Responsible for the architecture, prototyping, implementation and testing of software applications.
- Worked as product manager gathering requirements and interfacing with multiple clients.
- Designed user interfaces and user experiences for software applications.
- Led a team of four people and acted as scrum master in various projects.

Skills

Programming Languages and Tools

- .NET, C#, Java, Android, HTML, CSS, JavaScript, SQL, PHP, Python.
- Balsamiq, Pencil Project, SikuliX.
- Microsoft Project, Microsoft Visio, WBS Chart Pro, Trello, Jira.
- SVN, Git.

Environments

- Windows, Linux.
- Visual Studio, NetBeans, Eclipse, Android Studio.
- Microsoft SQL Server, Oracle, MySQL.

Team Leadership

- Project coordination.
- System analysis, design and implementation.
- Mentoring junior developers and co-op students.

Past Projects

WEBSITES PROJECTS

Software Developer at Tecgraf Institute   February *2016 -August 2016*

Worked in several internal websites related to the Tecgraf Institute. Also responsible for all web applications from the Brazilian Geophysical Society.

- Updated the Tecgraf website. Designed, documented and built a new group area in the website using Node.js, HTML, JavaScript and CSS.
- Added new functionality to the v3o2 log system, a PHP web application that logs errors and performs user behavior analysis for the v3o2 desktop application.
- Restored, fixed and updated various web applications from the Brazilian Geophysical Society in ASP Classic, Java and PHP using Microsoft SQL Server and MySQL.
- Worked with Git and SVN.
- Worked with Visual Studio Code (Windows), VIM and NetBeans (Linux).

VUE CONVERTER

Software Developer at Tecgraf Institute   August 2014 – February 2016

Developed a software application to convert 3D plant design models from a proprietary file format to an open file format.

- Architected, designed, tested and implemented a desktop application in .NET C#.
- Reverse engineered and documented the database.
- Shared information on the file format and database models among team.
- Built and tested a .NET C# tool to help inspect binary files.
- Worked with SVN.
- Worked with Visual Studio.
- Coordinate remote co-worker.

ISO15926 RESEARCH

Software Developer at Tecgraf Institute   August 2012 – August 2014

A prototype that converts data from a 3D file format to an open format respecting the ISO15926 standard.

- Researched the ISO15926 standard for data integration, sharing, exchange between computer systems.
- Designed and developed the prototype.
- Worked with Visual Studio .NET C# and Java.
- Designed and implemented an ISO15926 compliant XML data model.

COMPORT

Software Developer, Team Lead at Tecgraf Institute   April 2010 – August 2012

A mobile application to help track equipment status and maintenance work orders for oil refinery plants.

- Interviewed clients to gather requirements.
- Prototyped and developed the mobile application and its desktop counterpart.
- Designed the user interface and validated the user experience with both the client and application users.
- Developed a system to extract and store data from mobile devices through the desktop application.
- Ensured backwards compatibility with legacy solution data format.
- Led a team of three developers.
- Worked with Eclipse, the Android SDK and NetBeans with Vaadin.

PROTEUS

Software Developer at Tecgraf Institute   July 2009 – July 2010

Website and document converter for several types of 3D plant design models of oil and gas platforms and refineries.

- Interviewed clients to gather requirements.
- Developed the website using web forms in .NET C#.
- Designed the website and the user experience.
- Worked in a team with Visual Studio and SVN.

GERLIC

Software Developer at Tecgraf Institute   January 2009 – July 2009

A software license management web application for software bought by Petrobras.

- Single handedly developed the website using HTML, JavaScript, CSS and JAVA with STRUTS.
- Worked with Eclipse and SVN.

Education

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

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