Rod Oliveira

Software Developer at IBM Canada

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Summary

• Software Developer with 18 years' experience in IT, seven of which working with Java
• Java Sun Certified Professional
• International experience in Brazil, Canada, and England

Skills: AngularJS, CSS, Eclipse, GitHub, IntelliJ, Java, JavaScript, Linux, Maven, MySQL, Node.JS, Open-source software, Oracle database, Shell Script, SVN, Tomcat, WebSphere

Experience

11) Software Developer at IBM Canada

October 2016 - Present

Responsible for maintenance and enhancement of an enterprise scale tool for managing preventative and crisis aspects of the Public Health jurisdictions.

Technical environment: Agile, Cygwin, Docker, Hibernate, Java, JavaScript, JavaServer Faces, Oracle VM, Oracle Database, Rational Software Architect, Rational Team Concert, Shell Script, and SoapUI.

10) Software Developer at CGI

March 2013 - October 2016 (3 years 8 months)

10.1) CIBC | 09/2016 - 10/2016

Implemented user exit for the Informatica Master Data Management using Java, restful request, and Oracle database.

Env: Java, IntelliJ, Linux, Informatica MDM

10.2) TD Bank - Credit Cards | 04/2016 - 08/2016

Improvements to a remote banking application that allows employees to search for customer credit card statements and authorizations, granting access to employees from different domains.

Env: Active Directory, Java, LDAP, RAD, WebSphere

10.3) CGI Corporate | 12/2015 - 03/2016 | Halifax, Canada; Fairfax VA, US; Bordeaux, France; Cardiff, UK.

I worked with a team of experts from Delivery Centres worldwide, the CIO's Office, and Corporate Services, developing new tools for ProAction (an innovative approach to application services). The goal was to customize the tools inside CGI to achieve an uniform approach for global delivery, supporting common metrics to improve productivity and performance, by implementing an enterprise scale tool for management based on JIRA. I was responsible for loading PSA data from the company into a Master Data via a Java application that I developed.

Env: Java, IntelliJ, Jira, Linux

10.4) CIBC | 01/2015 - 11/2015

This job consisted of adding new features to a remote banking application from Business Banking Technology, which uses JavaServer Faces, Java Portlets, REST Web Services, WebSphere Portal Server.

Env: JavaServer Faces, Java Portlets, Linux, Maven, Oracle, IntelliJ, Jenkins, Linux

10.5) Global Investment Bank | 03/2013 - 12/2014

I worked for a prestigious European investment banking (world leader in the capital markets industry). The work used Java technology to implement feeds and integration for back-end solutions that support highly complex pricing platforms and trading systems. I develop a POC to deal with the historic of trades using ElasticSearch.

Env: Apache Camel, ElasticSearch, Hibernate, IntelliJ, Java, JMeter, JMS, Linux, Maven, Shell Script, SVN, Tibco Messaging, Tomcat

9) Software Developer at Mariner Partners Inc.

December 2011 - October 2012 (11 months)

I worked for the clients Medavie Blue Cross, Bell Aliant, and SHIFT Energy.

9.1) SHIFT Energy | July 2012 – October 2012 (4 months)

I worked with SOAP-based web services, which are the back end that integrates the components of EnergyMentor™, a solution that monitors energy consumption in buildings or plants on a real time basis. I also worked on the front end of this project, using Apache Wicket, CSS 3, and Java.

Technical environment: Apache Qpid, Apache Wicket, CSS 3, Linux, Hibernate, HTML 5, Java, Jenkins, Maven, NetBeans, PostgreSQL, SOAP, Scrum, Shell Script, Spring, Subversion, Tomcat, WSDL, Web Services, XSD.

9.2) Bell Aliant | March 2012 – June 2012 (4 months)

I reviewed business requirements documentation and helped to develop the FibreOP™ front-end website, using JSP, jQuery, HTML 5, and CSS.

Technical environment: Ant, CSS 3, Eclipse, HTML 5, IBM Rational ClearCase, IBM Rational ClearQuest, JSP, Scrum, and WebLogic.

9.3) Medavie Blue Cross | December 2011 – February 2012 (3 months)

I worked on an IBM WebSphere Portal project. My job was to develop a mediation module using WebSphere Integration Developer.

Technical environment: IBM WebSphere Integration Developer, IBM WebSphere Portal, Portlets, Rational Unified Process, SOA, SOAP, SVN, Scrum, and WSDL.

8) Software Developer at NTT DATA, Inc.

June 2007 - June 2011 (4 years 1 month)

I worked for the following clients: Pason and TIAA-CREF.

8.1) Pason, June 2008 - June 2011 (3 years 1 month)

Worked with maintenance and new features of the DataHub application, which is a central data warehouse for drilling data collected at rig sites. This app provides drilling contractors and lease operators with instant access to drilling data and reports and other information on their drilling operations.

Designed and developed the Pason API, a system that grants access to drilling data via RESTful-based web services.

Worked on the development of new features, performed maintenance on, and provided technical support for Pason Mobile, an application for BlackBerry smartphones that allows the user to view real-time drilling information on active wells.

Technical environment: Linux, Apache, MySql, Java, Python, BlackBerry.

8.2) TIAA-CREF, June 2007 - May 2008 (1 year)

The project consisted of upgrading the online enrollment component, with a view to complying with FINRA Rule 2821, which requires the seller of a deferred variable annuity to have a clear understanding of the buyer's financial background and fully disclose all associated risks and benefits. Performed code review to provide support for business analyses, reviewed business requirement documentation, and developed the front end using Struts to support the system's upgrade.

Technical environment: Java EE, Struts, Oracle database, and Oracle WebLogic Server.

7) Software Developer at Motorola

June 2006 - November 2006 (6 months)

I worked as a Web Developer in the project Warehouse Management System (WMS), and was responsible for the Information Manager module which was developed using Perl and Java (Struts). The data persistence was performed on an Oracle database. This module is used by production managers in order to have more control in warehouse and production lines, as a support for their decisions. The users were responsible for QA during the development, following some of the Extreme Programming (XP) rules, and allowing me direct and constant contact with the client.

Technical environment: Linux, Perl, Java, Struts, Oracle, PL/SQL, JavaScript, Shell Script.

6) Software Developer

November 2004 - April 2006 (1 year 6 months)

I was a member of the first MRO software development team in Brazil. My job was to develop industry specific modules using Maximo, an MRO/IBM framework and product. I was responsible for implementing these modules, which extended across all layers of the framework. The development of the UI was declarative and used Ajax. The business side made use of specific business objects, all of which were based on EJB objects and simple business objects that used remote method invocation. All the development was made using Java EE and Eclipse IDE, and deployed in WebLogic. MRO Software was acquired by IBM.

Technical environment: Java SE, Java EE, EJB, Ajax, Tivoli Maximo, JSP, JavaScript, Oracle, PL/SQL, and Oracle WebLogic Server.

5) Software Developer at BIREME/PAHO/WHO

March 1999 - October 2004 (5 years 8 months)

I worked for Bireme, a World Health Organization office, in the following projects:

5.1) Web Services: by using Servlet and Java SE, I implemented services for user authentication and services for information retrieval.

5.2) Information Retrieval: I implemented the algorithm Journal Descriptor Indexing and other algorithms based on vector indexing technique and thesaurus. I also was responsible for configuration of the Collexis tool.

5.3) Ministry of Health – Glossary: I was responsible for the total Software Development Life Cycle (SDLC), that is, conducting client needs assessment (analysis), architecture, development, building, installation, QA (testing). The system was designed for users who want to understand the meaning of some words used by the Ministry of Health. The user can make suggestions of new terms, or ask for deletions or modifications. Using the system the manager can decide which suggestion to accept. The system was developed using Servlets and JSP, based on MVC pattern. The queries to the database were made using HTTP protocol through a distributed system. In order to reduce the time of communication between the database and the system, I developed a cache for the queries.

5.4) The Cochrane Library and the Portal of Journals on Health Sciences: I worked as a developer on the server and client side of both websites.

5.5) DeCS – Health Sciences Descriptors: I was responsible for the total Software Development Life Cycle (SDLC), that is, conducting client needs assessment (analysis), architecture, development, building, installation, QA (testing).

Technical environment: Java SE, Java EE (Servlet, JSP), JMeter, Jakarta Commons, Ant, CDS/ISIS, JavaScript, XSD, XSLT, SQL, Apache, PHP, XSD, Linux, Shell Script.

4) Consultant at UNDP

January 2002 - July 2002 (7 months)

I worked for the United Nations Development Programme as a consultant at the Ministry of the Environment. I evaluated the Brazilian Net Information about Biodiversity (BINBR) making an analysis of the information architecture, hardware, access statistics and database. The aim of this report was to gather details that later would be used by the Ministry of Environment in its decision regarding the future of the project.

Technical environment: Linux, Weblog File Analyzer for advanced statistics (AWStats, and Analog).

3) Software Developer at The University of Manchester

June 1998 - September 1998 (4 months)

While working at Manchester Visualization Centre, UK, I was responsible for migrating a MAVIS module from a version based on software AVS5 to the version based on software AVS/Express. I used the C language and Silicon Graphics stations. MAVIS, the Molecular Animation and VIsualization System, is a

Molecular Graphics display and manipulation package designed specifically to interface to many popular Computational Chemistry codes.

Technical environment: C, Silicon Graphic, AVS Express.

2) Researcher at Universidade Estadual de Campinas

August 1996 - May 1998 (1 year 10 months)

At Biological Computing (UNICAMP) I had a two-year academic project scholarship whose aim was to create algorithms to solve problems in the comparison of character sequences with a general formulation and available on the web. It was an academic project and my supervisor was Professor Joao Carlos Setubal.

Technical environment: C, C++, Sun Solaris, cgi-bin.

1) Researcher at Universidade Estadual de Campinas

January 1992 - December 1992 (1 year)

At IMECC (Unicamp) I received a scholarship to work on a one-year academic project whose aim was to study Paraconsistent Logic, from both a theoretical and a practical point of view. As part of the project, I also studied Computability (using the book Computability: Computable Functions, Logic, and the Foundations of Mathematics), Set Theory, and Classical Logic. My supervisor, who is also one of authors of the aforementioned book, was Professor Walter Carnielli.

Education

Universidade Estadual de Campinas

Bachelor, Computer Engineering, 1994 - 1998

Dalhousie University

Master, Electronic Commerce, 2009

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