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# Leniel Braz de Oliveira Macaferi

**Profile**

- Single
- Brazilian
- 27 years

**Objective** Act in IT (Information Technology) area as a technology architect, systems analyst, developer or researcher. Software development is my focus.  
The position I'm most interested in is: Systems Engineer/Technology Architect. Other correlated positions are welcome as well.

**Professional experience**

09/2008 to 06/2010 at Chemtech - A Siemens Company - [www.chemtech.com.br](http://www.chemtech.com.br)  
As a Software Developer I worked in a varied set of projects ranging from a control panel to MES systems and Chemtech's own website. (See Projects details section below for more info)  
Role: Systems Analyst

02/2008 to 4/2008 at ITA-Petrobras through a research and development (R&D) scholarship  
<http://lctf.mec.ita.br> | [www.ita.br](http://www.ita.br) | [www.petrobras.com](http://www.petrobras.com) | <http://www.gradebr.nyxknowledge.com.br>  
Worked in the Transport Phenom Computer Laboratory at ITA - Aeronautics Institute of Technology with high performance computing (HPC), parallel computing, distributed systems and supercomputers.  
Role: Systems Administrator, Software Developer, Member of GradeBR - Rede Galileu workgroup

12/2003 to 9/2004 at Tríade Soluções Inteligentes through an internship program. [www.triadesolucoes.com.br](http://www.triadesolucoes.com.br)  
As a Software Developer I was given the time to learn the C# programming language and started working with the Microsoft .NET platform in a resort management system.  
Role: Software Developer

**Academic qualification**

02/2003 to 12/2007 – Graduated in Computer Engineering at UBM (University of Barra Mansa) - Campus Cicuta, Barra Mansa, Rio de Janeiro, Brazil - [www.ubm.br](http://www.ubm.br)  
GPA related to 70 disciplines (10 terms) = 8.53 up to 10.0 or 3.41 up to 4.0  
Degree/major: bachelor in Computer Engineering

02/1999 to 12/2002 – High school + Computer Technician graduation at ICT (Instituto de Cultura Técnica) [Technical Culture Center] - Volta Redonda, Rio de Janeiro, Brazil - [www.colegioict.com.br](http://www.colegioict.com.br)  
GPA related to 38 disciplines = 7.7 up to 10.0 or 3.08 up to 4.0

**Research experience**

<http://lattes.cnpq.br/0335843158531452>

**Language skills**

02/2003 to 06/2007 – Attended an English course at CCAA (Centro de Cultura Anglo Americana) [Anglo American Culture Center] - Volta Redonda, Rio de Janeiro - [www.ccaa.com.br](http://www.ccaa.com.br)  
GPA (9 terms) = 9.76 up to 10.0 or 3.9 up to 4.0  
Advanced spoken and fluent read and written English.  
Intermediate in read Spanish

**Technical skills**

6+ years of experience in software development  
Programming languages and frameworks: C, C++, C#, Java, Objective-C, Delphi, Fortran, Bash/Shell scripting, PHP, HTML, CSS, jQuery, JavaScript, XML, Prolog, Ladder  
Frameworks, technologies and platforms: ASP.NET MVC/P, LINQ, N/Hibernate, iBATIS, WCF, WebServices, iPhone  
Web servers: IIS, Apache/Tomcat  
Development tools: Microsoft Visual Studio, PL/SQL Developer, IBM Data Studio, Eclipse, Xcode, NetBeans, Borland Delphi, Dreamweaver  
Database programming languages: SQL  
Database systems: Microsoft SQL Server, Access, MySQL, Oracle, JavaDB  
Modeling language: UML  
Modeling tools: Microsoft Visio, IBM Rational Rose, Visual Paradigm  
Operating systems: Windows, Unix/Linux, Virtual Machines  
Desktop tools: Microsoft Word, Excel, Power Point, Outlook, Project, OpenOffice  
Computer networks: TCP/IP and OSI models, LAN, MAN, WAN, DHCP, DNS, LDAP  
Microsoft Windows/Linux environment: Active Directory, Samba, Terminal Services  
Distributed systems and parallel programming: HPC, cluster, grid, MPI  
Graphics tools: Photoshop, CorelDRAW, Fireworks  
Simulation tools: MATLAB, Simulink, Multisim  
Automation and control: PLC programming, Ladder

**Certifications**

Cisco CCNA 1 (taken in English) with GPA = 8.73 up to 10.0 or 3.49 up to 4.0  
Microsoft 5 Stars Developer Program  
Computers and printers maintenance

**Extracurricular activities** 05/2009 – Taking part at StackOverflow community of developers. Stack Overflow is a programming Q & A site that's free. I answer a lot of questions there with a strong desire of helping fellow developers. My StackOverflow profile can be seen at <http://stackoverflow.com/users/114029/leniel-macaferi>

04/2008 – Participating in the translation project of Scott Guthrie's blog - <http://weblogs.asp.net/scottgu>. Scott Guthrie is the Corporate Vice President in the Microsoft Developer Division. I translate his posts from English to Portuguese. The translated posts are available at <http://weblogs.asp.net/scottgportuguese>.

04/2008 – Participating as a volunteer translator at ProZ - [www.proz.com](http://www.proz.com). ProZ is the translation workplace providing translation service and translation jobs for freelance translators and translation agencies. It's also home to the world's largest community of professional translators. My translator profile can be seen at <http://www.proz.com/profile/849397>.

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**Projects details** 09/2008 to 06/2010 (1 year 10 months) at Chemtech - A Siemens Company

1. ONS - SIMONS  
C#, ASP.NET MVC 1.0, WCF, SSIS, iBATIS, jQuery, JavaScript, IBM Informix, SQL Server 2005, SQL Server Management Studio, IBM Data Studio, Visual Studio 2008, IIS  
Most interesting things I did: created a text file parser and an Excel file parser and implemented a small package that updates a SQL Server Job Schedule according to user specified values entered in a web form.
2. Rede Globo - Control Panel and Credit System  
C#, ASP.NET 3.5, WCF, ORACLE, Visual Studio 2008
3. Coca-Cola - Rebates System 3.0  
C#, ASP.NET WebForms, JavaScript, CSS, jQuery, SQL, ORACLE, Crystal Reports, Visual Studio 2003, .NET Framework 1.1, IIS 5.1
4. Braskem - Log Book System 1.3  
C#, ASP.NET WebForms, AJAX/Anthem.net, JavaScript, CSS, MVP pattern, NHibernate, ActiveWriter, ActiveRecord, SQL, ORACLE, Visual Studio 2005, .NET Framework 2.0, IIS 6.0
5. SuperVia - e-Ticketing System  
C++, C# Console Application, LINQ, NPOI for Excel reports, Visual Studio 2008, .NET Framework 3.5
6. CSN - MES maintenance  
VB 6, SQL, MS SQL Server
7. Chemtech - Site (nicknamed chemsite)  
Java, Liferay portal framework, CSS, SQL, MySQL, Tomcat
8. Braskem - Billing and Measurement System  
C#, ASP.NET WebForms, AJAX/Anthem.net, JavaScript, CSS, MVP pattern, NHibernate, Crystal Reports for PDF reports, NPOI for Excel reports, Web service, SQL, ORACLE, Visual Studio 2005, .NET Framework 2.0, IIS 6.0
9. Braskem - Control Panel  
C#, ASP.NET WebForms, AJAX/Anthem.net, JavaScript, CSS, MVP pattern, NHibernate, ActiveWriter, ActiveRecord, SQL, ORACLE, Visual Studio 2005, .NET Framework 2.0, IIS 6.0

02/2008 to 04/2008 at ITA-Petrobras - GradeBR - Rede Galileu – Thematic network of scientific computing and visualization, Contro Porous Media UI

Member of the workgroup responsible for defining the specs related to supercomputers (HPC) that will be part of the fastest scientific network of Brazil. The project is called GradeBR - Rede Galileu - <http://www.gradebr.nyxknowledge.com.br>. Administrator of Grade-BR discussion forum – created the forums, set up member privileges, etc. Developed and implemented IT infrastructure projects (Windows/Linux clusters). As a systems administrator, managed the lab's computer network. Managed to install the Windows Compute Cluster Server on four dual-core servers. Set up, build, compiled, debugged and run parallel programs on Windows cluster. Active Directory installation and management. Managed a Linux cluster composed of 6 four-core HP servers running the Rocks cluster distribution. Build, compiled and run parallel programs on Linux cluster. Presented High Performance Computing material to laboratory's members. Designed, programmed and tested the Porous Media UI input data form using Microsoft Visual Studio 2005 Professional Edition. I used the C++ programming language to develop this project.

06/2007 to 12/2007 - Query Language integrated into the Programming Language  
Computer engineering final academic project. Integration of SQL query language into the C# programming language. New Microsoft technology called LINQ - Language Integrated Query.

06/2006 to 06/2007 - Free Software as Embedded System in a PDA like Device  
Project of the Institutional Program for Research and Scientific Initiation. The platform used was Linux and Java. The hardware used was a pocket pc made by HP.

12/2003 to 9/2004 - MultiClubes System - [www.triadesolucoes.com.br/Multiclubes.aspx](http://www.triadesolucoes.com.br/Multiclubes.aspx)  
Participated as an intern in a joint venture between the university I attended and Triade Soluções Inteligentes. My first contact with Microsoft development platform occurred during this internship. MultiClubes system was the resort management system I helped to build. Created the database using Microsoft SQL Server and implemented source code and business logic using C#.

02/2002 to 12/2002 - Aesthetic Clinic Management System  
Best final project during High school + Computer Technician graduation (2002)

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**Additional information** As a geek I am an enthusiast of technology in all forms it is presented. One of my desires is to make a difference constructing and implementing IT infrastructures and constructing software products and services used by millions of people every day. My future plans are: apply for a master's degree and a PhD's degree, both in the Computer Engineering and Computer Science fields. These plans can be rethought depending on the opportunities of life.