PEDRO A. A. FURLANETTO
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EDUCATION

Post-Graduate - Distributed Systems Development and management, e-IS Expert Program - Universidade Federal do Rio de Janeiro (UFRJ) - Núcleo de Computação Eletrônica (NCE) - 2007

Graduation - Two years of Engineering at PUC-Rio - 1996

Graduation - Universidade Estácio de Sá - System Analisys - 2005

High school with computing technical course - Instituto de Tecnologia ORT – 1995

OPEN SOURCE and EVENTS

2011

- Scalathon 2011 - invited presenter for Hacking Scaladoc and Architecture
- Corrected threaded logging of SBT Android plugin

2010

- Committer to Scaladoc2 - Scala's standard documentation tool (equivalent to Javadoc).
- Helioscope - Little Solr Editor - Scala and Apache Solr.
- Scala Days 2010 Conference - École Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland.

EXPERIENCE

UNDISCLOSED COMPANY - 09/2012 - 04/2013
CTO

- Music classification and distribution platform - full development of web front and backend and client applications featuring licencing ownership cryptocraphically ensured - Scala, ScalaFX, Playframework, Slick (guaranting RDBMS independence).

CONSULTING - 10/2011 - 07/2012

- Consultant, Orocast LLC - Scala and Android
- VerbalizeIt - Human Translation through Mobile Phones. Phonegap app running under IPhone and Android phones - Apple App Store link

IDEAIS - 02/2005 - 07/2011
SENIOR SOFTWARE ENGINEER

- Team co-leader - project Catalogo Shoptime.com.br (major brazilian e-commerce site) customized the CMS Catalogo to meet Shoptime's requirements. Setup the deploy of the new site. Case at Ideais' website
- Team co-leader - project CMS Catalogo - e-commerce CMS system with special features for search engine integration - to the client Americanas.com.br (major brazilian e-commerce site). Provided critical contributions to the inception and implemented the new architecture resulting in a great reduction in the effort taken to create and modify new sites and their maintenance, from weeks to days; and setup new pages and changes in minutes - Spring, Struts2, JSF e Apache Solr. Case at Ideais' website
- New Igshopping.com.br front-end and update of the backend, rebuilt the indexing engine and client integration systems. Improved the setting of new clients up from several days to few hours. Migrated the SQL Server database to Oracle featuring a new data model - SQL, Struts2, Freemarker, Javascript. Case at Ideais' website

- Rewrote Pinuts' (www.pinuts.com.br) search engine implementation - Solr, Spring, Hibernate.
- Igshopping.com.br - Built the backend system featuring an client integration system - each client provides products information using its own particular data format. Built the product search engine - Struts2, Freemarker, Hibernate, SQL Server, Oracle e Apache Solr, Javascript.
- Gathered the requirements for the brokering web portal Invest Trader for Souza Barros brokering company.
- Gathered the requirements, designed and managed the developers team in the writing of a training scheduling and skills assessment system for the Justiça Federal RJ (a major government institution) - Webwork2, Hibernate, JSP, Javacript.
- Built the Integration between cellphone credits sale from Amerinas.com with the cellphone provider - BEA Weblogic, BEA Integration 8.1 e JSP.

DELAGE CONSULTORIA & SISTEMAS 08/2004 - 11/2005
SENIOR SOFTWARE ENGINEER

- Designed and constructed a framework for easily integrate legacy and new software systems. Based in XML and XSL transformations and querying using XSD and XPATH. Also using UML, VB.net and SQL Server.
- Maintained the Disbby logistics and ERP system - VB and SQL Server.

INVENT S/A 04/2003 – 12/2003
SOFTWARE ENGINEER

- Migrated the major brazillian website Viaglobal (Via Rio, Via Sampa etc) from ASP/Windows/SQL Server to PHP/Linux/MySQL featuring abstraction from UI design from the rest of the system using XML and XSL.

DELAGE CONSULTORIA & SISTEMAS 05/2002 – 04/2003
SOFTWARE ENGINEER

- Analysis and development of management evaluation system based on a proprietary mathematical model.
- Designed and wrote the bookkeeping system for medication stores for restricted medications and statistics analysis backend - C++, ASP, SQL Server.

CURRENT INTERESTS
- Machine Learning
- Statistics
- Programming languages theory
- Discrete math
- Functional programming
- Play Framework.
- Haskell
- French language & culture.