

Fernando Maia

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objective

Python developer

employment

Oui desenvolvimento de software

Director of IT, System Architect, Lead Developer
2008 - present

Coerente Tecnologia

ASP and Java developer
July - December 2007

Unibanco - Centro Administrativo

C# / ASP.NET web developer
May 2006 - March 2007

À Capela comunicação, marketing e informática

Lead Developer (C#, Delphi, VB)
2001-2006

expertise

Web standards

Profound knowledge of XHTML, CSS, Javascript, AJAX, JSON, tableless design, HTTP, REST, MIME...

Python web frameworks

CherryPy
Turbogears
Pylons

Python libraries

SQLAlchemy ORM
Genshi templating language
Routes
BeautifulSoup
...and many other libraries.

Databases

PostgreSQL
SQLite
Durus
db4o
CouchDB
Berkeley DB
...and a few more.

Best practices

Agile methodologies: XP and Scrum
Test-driven development / automated unit tests
Design patterns and refactoring (Gang of four, Martin Fowler)

Creation of reusable components and frameworks
Architecture paradigms: MVC, 3-tier
Understanding of open source licenses

Javascript frameworks

JQuery, Mootools, MochiKit, WYMeditor...

Version control systems

Mercurial
Subversion

Operating systems

Ubuntu Linux

Other technologies

4 years experience with C# / .net framework 2.0
Also worked with Visual Basic, Delphi, Java, Eclipse, CVS, Source Safe, MS Access, Windows 7, Windows XP...
Notions of Lisp, Ruby and Scala
Notions of other web frameworks such as Django, web2py etc.

open source projects

Webpyte

Website system which is almost a CMS, based on Python, CherryPy, SQLAlchemy, Genshi and Routes. Amongst its features are product catalogs and blogs.

Backalaika

Backalaika is not a russian musical instrument, it is a simple backup solution for small offices, written in Python.

bag

Various utility functions and classes for Python 2.6.

MIME Parser

C#/.net library for receiving and understanding e-mail messages and their parts. Its greatest advantage is being completely object-oriented, in the sense that the tree of MIME parts is represented by polymorphic classes which contain data and behaviour. This allows it to represent any e-mail message with any configuration of attachments.

BRDK

Keyboard drivers for Windows and UNIX – the first Dvorak keyboard layout for the Portuguese language. On a Dvorak keyboard the fingers move about 42% less than on a QWERTY keyboard, preventing hand injuries and providing greater comfort.

education

Universidade de São Paulo

2000 - 2004
Music - Composition

Pontifícia Universidade Católica - SP

1994 - 1999
Bachelor in Law

Languages

Brazilian Portuguese
Fluent English
Can read Spanish

Interests

Music: Composition, Classical piano