

Douglas Soares de Andrade

Objectives

Improve my skills and make part of interesting and innovative projects, preferentially produced with Free and Open Source software, given the culture of respect to people and innovation.

Also, I want to be part of projects that allows me to be a better professional and person to make the world a better place.

Personal Characteristics

I'm a driven, motivated and self-taught person that like to learn a lot of things and share knowledge, always trying to learn new technologies and to improve what I do.

I like to work with teams and share knowledge, creating an environment of collaboration.

Graduation

- 2012/2013 – Finish in the end of the year – UniCEUB
 - Information Systems Technologist
- 2004/2006 – Not concluded – Centro Universitário do Leste de Minas Gerais
 - Bachelor in Information Systems
- 2000/2002 – Concluded – Colégio Universitário Padre de Man
 - Technical course in Informatics

Languages

- Advanced level in English
- Fluency in Brazilian Portuguese (Native language)

Free and Open Source Software

- **Voluntary in Free and Open Source projects**
 - **Web2py**
 - Various patches for improvement and fixes of the project
 - **PyQt4**
 - Conversion of the Qt4/C++ examples to PyQt4
 - **Plone**
 - Fixes in some Plone Collective products
 - **Translator**
 - Gnome, Django, PythonBrasil, QScintilla Pacman, AUR
 - **Homebrew**
 - **Provy and Cobrateam tools**
 - **Archlinux**
 - Developer: Package maintainer
 - TU: Package maintainer
 - AUR (Package repository) – Developer and translator
 - **Archlinux-BR**
 - One of the projects founders and the first leader

**Free and Open
Source Software**

Speaker in the following OpenSource events

- **2011 – PythonBrasil**
 - Como ser um programador Python melhor / How to be a better Python developer
- **2011 – FISL12**
 - Canivete suíço do Python (dicas, truques e macetes de Python) // Python Swiss Army Knife: (Python tips and tricks)
- **2009 – FLISOLDF/Consegi**
 - Workshop about Archlinux
- **2009 – FISL10 (International Free Software Forum)**
 - Talk about Archlinux e Archlinux-br projects
 - Web2py
- **2008 – PyconBrasil 4**
 - Dicas de otimização para servidores Zope e Plone // Optimization tips for Zope and Plone servers
- **2008 – FISL9 – (International Free Software Forum)**
 - Archlinux: "Uma distribuição otimizada para i686" // Archlinux: "A distribution optimized for i686"
PyQt: "Escrevendo aplicativos em PyQt4" // PyQt4: "Writing applications in PyQt4"
- **22/07/2013 – T Dispatch GmbH**
 - **SysAdmin**
 - Provisioning and configuration of Nginx, Varnish and MongoDB servers – definition of cache policies, replication and load balance strategies.
 - Management of company servers in Amazon (AWS)
 - Automation of deploy tasks using Fabric and Shell Scripts
 - Performance and problems analysis in MongoDB
 - **Developer**
 - Development of new features to the current codebase using Python, MongoDB and Redis (for the company framework called London - which uses a lot of Django codebase)
Refactoring of existing code aiming for better performance and maintainability
- **14/11/2011 – 03/07/2013 – EBC (Empresa Brasil de Comunicação)**
 - **Manager of Technical Solutions**
 - Responsible for the development of Web and Corporate projects, using these technologies:
 - HTML 5 and CSS 3
 - Java: J2EE, Hibernate, Seam, Jboss
 - PHP: Wordpress, Drupal, Zend Framework
 - Python: Django, Mezzanine, Bottle
 - Ruby: Rails, Sinatra
 - Node.js
 - Scala
 - Delphi and Visual Basic
 - PostgreSQL and MySQL
 - **SysAdmin**
 - As the company infrastructure was small, I helped then many times to solve performance, security and scalability issues
 - One of the responsible for administering our Akamai CDN, creating new policies and debugging cache issues with Akamai staff
 - Nginx and Varnish implementations to improve speed and reliability of the backend servers

**Professional
Experience**

Professional Experience

- **Developer**
 - Lead developer helping to improve team skills using agile processes and methodologies like Scrum and XP
 - Helped the development team define the best technology to their projects
 - Acted as a software architect for some bigger projects, like the our elections project (Which was done in Scala, Node.js, Backbone and Ruby on Rails)
 - Software developer for minor projects in Python and Django to solve specific needs of the department
- **26/06/2009 – 14/11/2011 – Dataprev**
 - Development of portals and systems in Zope/Plone, Django (Python) and Wordpress/Drupal (PHP)
 - Developed the company portal using Wordpress and the company Intranet using Drupal 6 and some internal systems using Python and Django
 - Acted as a consultant to the company board of directors, helping then with decisions and solving problems that needed a quick solution
 - Migration of the portal of Digital Inclusion from Plone 2.5 to Plone 3
 - Improvement of the systems of the Digital Inclusion government program using Django e Python
 - Refactoring of large parts of the project aiming for performance
 - Responsible for SIATC servers regarding scalability and reliability
- **13/08/2007 – 23/06/2009 – ThreePointsWeb/Liberiun**
 - **Developer**
 - Development of systems and portals in Zope/Plone
 - Technical leader of the development team, helping to shape their skills and to improve their knowledge in Zope/Plone
 - Development of an internal solution to make a better multimedia platform in Plone
 - Development of a impressive cache solution that helped us invalidate content in our portals given a set of rules and what was in the *context*.
 - Various patches to many projects in Plone Collective: PlonePopoll, PloneOntology, ZopeSkel.
 - **SysAdmin**
 - Analisis, project and development of techniques to improve the performance, security and reduce costs of our servers using opensource tools
 - Management and implementation of the following services: Bind (DNS), Apache (http), Squid/Varnish, Pound/HaProxy and Zope/Plone.
 - Auditor in Sebrae and in Universidade Caixa projects to diagnose and propose solutions for performance, security and bad practices
 - **Teacher/Writer**
- **03/01/2007 – 31/07/2007 – Paradigma**
 - **Developer**
 - Templates customization and creation, new content types using Archetypes and general minor applications
 - Improvement of the deployment process making it easier and faster using python, paramiko, shellsript, mysqldb (it was the inception of what we know today as provisioning tools)
 - Refactoring of various product parts to make important code improvements
 - **SysAdmin**
 - Apache, FTP, ZEO and Zope/Plone instances, security tests and analysis
 - Management of users and permissions and code repositories

Qualifications

- **Operating Systems**
 - Windows
 - OS X (from a developer point of view)
 - GNU/Linux – Deep knowledge of the following distributions:
 - Archlinux, Slackware, Debian, Ubuntu, Red Hat e CentOS
- **Servers**
 - Experience with the following services and servers
 - Apache, lighttpd, Nginx/Tengine
 - SAMBA
 - Squid/Varnish 2/3 (Cache servers)
 - Bind (DNS)
 - Haproxy, Pound (load balancers)
 - Unicorn (Rails) and Gunicorn (Python)
- **Platforms and Languages**
 - Python (domain area)
 - Django, Flask, Web2py, Bottle, Zope/Plone
 - PyQt (Python+Qt) e PyGtk (Python+GTK)
 - Nose, Coverage
 - Ruby
 - Ruby and Rails (Medium knowledge)
 - PHP
 - Wordpress (as a CMS/framework)
 - Drupal 6 and 7
 - Laravel (Basic knowledge)
 - ShellScript
 - Meteor.js
 - Node.js (Express, Socket.io) (Basic knowledge)
 - C/C++, Java, Go (Basic knowledge)
 - Frontend development
 - XHTML / HTML5
 - CSS / CSS3 / SASS / LESS
 - Javascript / JQuery
 - Bower
- **Databases**
 - **Relational:** MySQL, PostgreSQL, Firebird
 - **NoSQL:** MongoDB, Redis
- **Version Control Systems**
 - Subversion, CVS, Git, Mercurial, Bazaar
- **Other qualifications**
 - Agile project management using Scrum, XP, FDD
 - Test Driven Development