Curriculum Vitae

Michael Cetrulo

Abstract

Michael Cetrulo is a Software Architect with ten years of professional experience working on Web Development and Web-related technologies, specializing on Server-Side Architecture, Performance and Scalability issues.

Highly skilled in Python and Ruby; he also performs in Java, PHP and JavaScript. Has knowledge of several other languages including Erlang and Clojure and has an excellent aptitude for Unix shell-scripting.

He's currently focused on Machine Learning and Big Data solutions working with frameworks such as Apache Hadoop, Apache Storm and NoSQL datastores including Apache Cassandra, MongoDB and Redis among others.

Michael is an active member of the community, he's been a speaker at several conferences including PyCON AR & BR '15, PyCON FI '14 and PyCON UY '12 and has contributed to many Open Source projects such as CPython, Storm, Scrapy, among others.

He's fluent in English, having approved the BEC Higher certification and is a native Spanish speaker. He has some basic knowledge of Portuguese as well.

His expertise also includes Team Coordination and Technical Leadership positions, having been in charge of several teams in the past, working on Agile-oriented environments implementing Scrum methodologies.

Contact

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Skills

This is the list technologies in which the candidate performs best, for the full list of technologies he's been exposed to please refer to the appendix at: *bit.ly/cv-michael-cetrulo-skills*

Data-processing

- ❏ Hadoop
- ❏ Storm
- ❏ Celery
- ❏ Resque

NoSQL

- ❏ Cassandra
- ❏ MongoDB
- ❏ Redis
- ❏ Memcached

SQL

- ❏ MySQL
- ❏ PostgreSQL
- ❏ SQLite

Server-side

- ❏ Django
- ❏ Flask / Bottle
- ❏ Ruby on Rails
- ❏ Sinatra
- ❏ Jekyll / Octopress
- ❏ Middleman

Client-side

- ❏ jQuery
- ❏ Backbone.js
- ❏ AngularJS
- ❏ Bootstrap

Testing

- ❏ unittest
- ❏ Mock / unittest.mock
- ❏ RSpec
- ❏ Cucumber / Capybara
- ❏ Selenium

Scraping

- ❏ Scrapy
- ❏ Scrapemark / EasyParser

Devops

- ❏ Vagrant
- ❏ Puppet
- ❏ Fabric / Capistrano

Shell-scripting

- ❏ Bash / GNU coreutils

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References

- ✓ Member of the Toptal network of freelancers since March 2015
- ✓ Software Architect for the Big Data & High Performance Studio at Globant participating in several projects related to Web Development and Big Data for various clients since October 2011 to July 2014
- ✓ Consultant at Cubox s.a. developing web-based Rails applications such as monaqasat.com from December 2010 to October 2011
- ✓ Design and development of an intranet application for División Investigaciones y Narcotráfico (DIVIN) at Prefectura Nacional Naval of Uruguay
- ✓ Design and development of an administrative system for the U.S. Department of Agriculture (USDA) Animal and Plant Health Inspection Service (APHIS) in Uruguay at the American Embassy
- ✓ Senior developer at Replayful from April 2009 to December 2010 developing web-based Django applications such as ad.ly and fantalk.tv
- ✓ Python developer on the Scraping department (web-crawling / data-mining) of Insophia working for Mydeco of England from March 2008 until September 2008 then became Manager of the Scraping department managing both Uruguayan and Ukrainian teams and coordinating activities with the rest of the company until April 2009
- ✓ Lead developer at Uruhost developing web-based PHP/Flex applications from May 2007 to January 2008

Mentions

- Co-Organizer of the Space Apps Challenge Uruguay 2016
- Speaker at PyCON Argentina 2015
- Speaker at PyCON Brazil 2015
- Speaker at PyCON Finland 2014
- Speaker at PyCON Uruguay 2012
- Collaborator at DATA
- First place at "Desarrollando Latinoamérica" (DAL) contest 2011 for Uruguay on team "Los Hijos de Obdulio"
- Volunteer at "Plan Ceibal" (local OLPC initiative) developing Python-based desktop applications for the XO platform