

Armando Biagioni Neto

DETAILS

Originally from Brazil, and currently based in Italy

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INTENTION

- Senior Software Engineer with a vast experience on the Web. Focused on the back-end side but with solid knowledge of front-end technologies and IT operations
- Background includes working as a **full-stack** developer, writing **REST APIs**, **microservices**, **containers**, **bare-metal** and **virtual environments**, **CI/CD** and **system administration**
- Have worked in various settings, from working as a solo developer to a big team distributed across time zones

EMPLOYMENT HISTORY

Senior Software Engineer at Red Hat (May 2018 — Feb 2023)

- Red Hat is the leading provider of enterprise open-source software solutions
- Worked as Engineer for the Red Hat Identity Management (IdM), a suite that stores identity and enables centralized authentication, domain control for Kerberos and DNS services, and authorization policies for Linux machines
- Involved in several areas, such as CI/CD integration, bug fixing, tooling to support the development and testing systems, dashboard, Web UIs, command line interfaces, containers, troubleshooting, packaging, and maintaining demo instances
- Key technologies used: **Python**, **JavaScript**, **React**, **OpenStack**, **OpenShift**, **GNU/Linux**, **Identity management**, **LDAP**, **Kerberos**, **PKI**, **Vagrant**, **Podman**, **QEMU**, **GitHub Actions**, **GitLab CI/CD**, and **Jenkins**

Software Consultant for the Open Music Library (Oct 2016 — May 2018)

- Open Music Library was a project to build a free index of digital resources for the study of music
- Developed new features for a full-stack Django application, as well as implemented proof-of-concepts for it
- Designed a tailored full-text search area using Elasticsearch
- Key technologies: **Python**, **Django**, **Django REST Framework**, **Celery**, **Heroku**, **Elasticsearch**, **Redis**, **Linux**, and **PostgreSQL**

Software Developer at Magazine Luiza (Mar 2016 — Oct 2016)

- Magazine Luiza is one of the largest Brazilian retail companies
- Developed RESTful APIs for their new marketplace platform, writing specifications and design documents inside a test-driven development environment
- Key technologies: **Python**, **Django**, **Django REST Framework**, **Kinesis**, **EC2**, **S3**, **SQS**, **RDS**, and **MySQL**

Developer at D3.do (Dec 2013 — Mar 2016)

- D3.do was a renowned digital marketing and advertising services company in São Paulo, Brazil
- Back-end development, architecture design, and deployment automation using Puppet and Ansible
- Implemented tools and applications connecting custom proprietary hardware and network protocols
- Key technologies: **Python, Django, Celery, RabbitMQ, Tornado, WebSockets, Puppet, Ansible, Vagrant, Redis, JavaScript, GNU/Linux**, and **MySQL**

Web Developer at Omelete (May 2013 — Dec 2013)

- Omelete is a news website with an average of 2.3 million monthly unique visitors
- Maintained custom CMS built on top of Django, running on collocated bare-metal servers
- Refactored the CMS to support cross-references between the content hosted (e.g., news, reviews, and articles)
- Key technologies: **Python, Django, Redis, Fabric, AWS, Varnish, Memcached, GNU/Linux**, and **MySQL**

Professional Freelancer (January 2011 – May 2013)

- Consultant and contractor developer for local companies
- Built websites and connected data sources to third-party applications
- Key technologies used: **Python, Django, Flask, Google AppEngine, MySQL, Heroku, PostgreSQL, PHP**, and **WordPress**

EDUCATION

Bachelor of Science in Information Systems

- Universidade de São Paulo at São Carlos (Jan 2007 — June 2011)
- Undergraduate research in Ubiquitous Computing and Digital Television
- The dissertation involved the *BitTorrent* and *XMPP* protocols on top of *GNU/Linux*

EXTRA-CURRICULAR

ACTIVITIES

Mozilla Representative at Mozilla (Dec 2010 — Mar 2013)

- Evangelist of Mozilla Firefox's Add-ons development, formerly known as Jetpack Ambassador
- Attended a few conferences as a Speaker in Brazil, such as the local PyCon, Latinoware, and FISL (Forum Internacional do Software Livre)