

Nsukami Patrick

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Backend application development | Object-Oriented Analysis, Design and Development | Relational databases systems | Agile methodologies

Architect and developer with 7 years experience in building tailored solutions to meet ever-changing business requirements. Advanced skill with programming tools complemented by the proven ability to learn and rapidly utilize new technologies.

Skills

Operating systems	GNU/Linux Debian and derivatives, Void
Programming	Python, Lisp, Bash, Php, Golang
Frameworks	Django, DRF, Tastypie, Flask, Bottle
RDBMS	Sqlite, MySQL, PostgreSQL
Toolbelt	Tmux, Emacs, SSH, LXC, Git, Pelican, Hugo, Fabric, Ansible
Prefers not to touch	Ionic2, AngularJS, React, Zend, CSS, Windows
Languages	French (native), English (2005 TOEFL), Lingala (native)

Professional experience

Brief.me, february 2018 – present:

- Optimizing Django Admin (raw_id_fields, read_only_fields, queryset filtering).
- Implementing student offer.
- Maintenance and features addition for the news platforms:
 - brief.me
 - brief.eco
- Doing a little bit of SysAdmin:
 - Setting up web servers and SSL certificates (Nginx, Let's Encrypt).
 - Project deployment (Supervisor, Django, Celery, Gunicorn)

XCG Consulting, february 2017 – january 2018:

- Dockerizing Django projects to ease the deployment process.
- Updating building processes by dropping the use of buildout.
- Configuring Drone as the CI system.
- Moving the Xbus.io website from Django-cms to Hugo.
- Maintenance and features addition for the e-commerce platforms:
 - vialegal.fr
 - lesechos-events.fr
 - lesechos-etudes.fr
- Monitoring servers via Sentry, & taking required actions if necessary.
- Providing technical support to end users.

Sharonomy S.A, january - march 2017:

Writing backend components for the CarAmigo web platform. Writing new components to let CarAmigo users manage their profile right inside the CarAmigo mobile application.

Soon S.A, 2015-2016:

Updating the africafilms.tv VOD platform back-office to give right owners access to revenue data for the africafilms.tv youtube channel.

Soon S.A, 2015-2016:

Design and implementation of a more generic payment system for the africafilms.tv VOD platform, enabling customers to choose from a larger number of payment gateways.

West African Photo Press Agency, 2014-2015:

Implementation of an administration back-office for an e-commerce platform that will let a group of journalists manage their catalog and share or sell their press photos online.

Soon S.A, 2014-2016:

Adding streaming capabilities to the africafilms.tv VOD platform, using HLS adaptive streaming technology, and let clients read their movies directly in the browser.

Soon S.A, 2011-2015:

Built an API for the africafilms.tv VOD platform to let users access their movies via our custom android movie player.

Soon S.A, 2011-2016:

Maintaining the system, updating software, fixing bugs for the africafilms.tv VOD platform.

Formal Education

2010	Software engineering master, Institut Supérieur d'Informatique. Dakar, Senegal.
2008	Informatics bachelor, Institut des Sciences de l'Ingénieur. Dakar, Senegal.
2007	Bac+2 electronics, 'Le G15'. Dakar, Senegal.
2004	Baccalauréat (mathematics), Serie E, Lycée technique. Libreville, Gabon.

Publications

Pierre Chrzanowski, Patrick Nsukami, Tangui Morlier, July 2013: **Exploring Senegal public procurements, how we turned pdf files to browsable datas.** Open Spending Community.

Affiliations

Emacs Stackexchange	http://emacs.stackexchange.com/users/101/nsukami
IndexError	http://indexerror.net/user/Nsukami_
Python - Africa	https://mail.python.org/mailman/listinfo/python-africa
Github	https://github.com/lemeteore

Miscellaneous

West and Central African Research & Education Network:

Trained a team of university students on how to use Ansible for automating system deployments.

Agence universitaire de la francophonie:

Gave multiple training sessions on how to use python to build projects involving RaspberryPi and Arduino boards.

Open source contributions

Healthsites.io platform	https://healthsites.io/
Dwarf static site generator	https://pypi.python.org/pypi/Dwarf/0.1.2
Emencia Django Xbus	https://bitbucket.org/xcg/emencia-django-xbus