

Emmanuel Milou

Software Engineer, Technical Lead

5139 rue de Brébeuf, H2J 3L8, Montreal, Québec CA

✉ manumilou@mykolab.com ☎ (514) 293-2301

🌐 [manumilou](#) in [manumilou](#)

I have 10+ years experience as a Free software consultant, developer and technical lead. My technical background goes from embedded and C development to web applications, content management systems, APIs development and CI/CD pipelines implementation. I was team manager and technical lead in our web development department (up to 25 developers) for several years. I am looking to have a positive impact in a position that will provide both inspiring human interactions and interesting technical challenges.

SKILLS

Languages

[php](#) | [python](#) | [bash](#) | [mysql](#) |
[javascript](#) | [c++](#) | [c](#)

Misc

[git](#) | [jenkins](#) | [gitlab ci](#) | [sonarqube](#) |
[rest api](#) | [testing](#) | [tdd](#) | [ci/cd](#) | [redis](#)

Transversal

[communication](#) | [empathy](#) | [team](#) |
[leadership](#) | [solution-oriented](#) | [agile](#)

Frameworks / CMS

[laravel](#) | [django](#) | [drupal](#) | [wagtail](#) |
[wordpress](#)

Containers

[docker](#) | [lxc](#) | [lxd](#) | [openshift](#) |
[kubernetes](#)

Learning

[ruby](#) | [rails](#) | [haskell](#) | [ansible](#) | [chef](#)

WORK EXPERIENCE

Technical Director, Web Solutions at Savoir-faire Linux, Montreal
November 2016- August 2017

<http://savoirfairelinux.com>

[project management](#) | [architecture](#) | [team](#) | [devops](#) | [ci/cd](#) | [agile](#)

- Streamlined testing and delivery processes among the different stack teams
- Helped on and reviewed projects estimates produced by the developers
- Engaged a Devops transition among the Web department (~30 persons)
- Developed collaboration in a distributed team
- Evangelized best software development practices and open-source contributions

- Interacted with local open-source communities to organize coding events
- Drafted many Request For Proposals responses, in Drupal and web-related
- Collaborated with HR department to scale up the team
- Proudly ranked 13th at the Applied Security Event NorthSec in 2017 (on 40 teams)

Drupal Practice leader at Savoir-faire Linux, Montreal **January 2013- October 2016**
<http://savoirfairelinux.com>

[drupal](#) | [php](#) | [python](#) | [training](#) | [project management](#) | [architecture](#) | [ci/cd](#)

- Collaborated with the team in Paris on a Request for Proposals for Paris-Dauphine university. Contract won: <http://my.dauphine.fr>.
- Acted successfully as project manager and architect in numerous projects
- Built a skillful team of Drupal experts (up to 5 backend developers)
- Designed Drupal development and deployment processes used among the team for clients projects
- Initiated a fair development program to help non-profit organization with their IT needs
- Architected and developed the new portal of Polytechnique school (<http://polymtl.ca>)
- Acted as Ring (formerly SFLphone) Scrum Master

Free software consultant at Savoir-faire Linux, Montreal
October 2007- December 2012

<http://savoirfairelinux.com>

[c++](#) | [c](#) | [jenkins](#) | [voip](#) | [training](#) | [php](#)

- Worked on the open-source R&D project Ring (formerly SFLphone)
- Worked as embedded Linux developer in an international leader in high performance digital imaging (TeleDyne Dalsa)
- Developed the high-traffic Portable North Pole platform
- Trained professionals to use LAMP stack
- Certified as Professional Scrum Master (Pyxis)
- Audited internal processes as member of the auditors team (ISO 9001)

EDUCATION

Internship at Society of Arts and Technology, Montreal
2006 - 2006

[c++](#) | [pure data](#) | [blender](#)

Department of Computer Science and Operations Research (Student Exchange) at University of Montreal
2005 - 2006

mathematics | image processing | computer graphics

Computer Engineering Degree at Polytech Nice-Sophia, Sophia-Antipolis
2002 - 2005

algorithm | java | mathematics

CONFERENCES, PUBLIC SPEAKING

Free software for Meals-On-Wheels communities @ Debconf 2017
5 August 2017

django | python | github | travis

Docker and Microsoft Azure @ Docker Meetup Québec
1 March 2017

docker | docker swarm | azure

Various hacknights and code sprints organizer for the Sous-Chef project @ Montreal Python
25 August 2016

django | python | github | travis

CI/CD in a Drupal multisite environment @ Drupal Camp 2015
15 October 2015

drupal | ci/cd | jenkins | git | aegir

Gain productivity with Drush @ Drupal Camp 2013
15 October 2013

drupal | drush

LANGUAGES

French
Native

English
Fluent