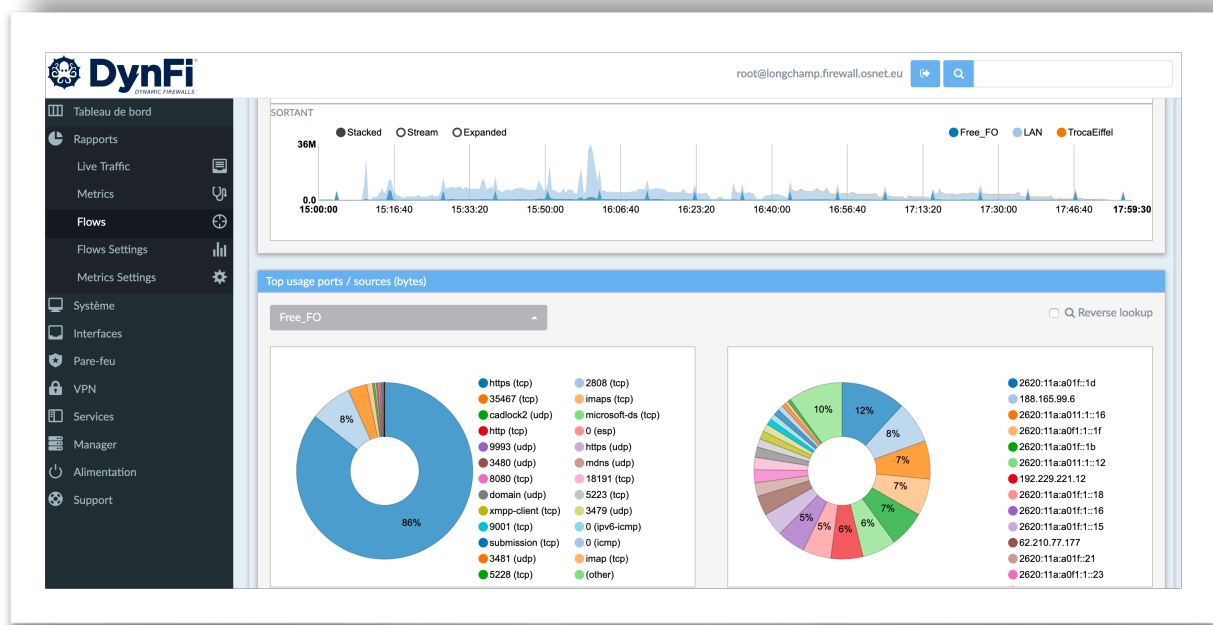




# DynFi is recruiting a Java developer



Company	DynFi
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## JOB TITLE:

Participation in the development of a centralised firewall management software and the first French Open Source firewall.

An original and unique mission:

- Improvement of the functionalities of the firewall manager DynFi Manager.
- Implementation of an IDS / IPS policy management mechanism from our centralized DynFi Manager.
- Coordination with the development teams of the implementation of the L7 filtering brick derived from Ntop.

## CANDIDATE PROFILE:

This position is best suited for a candidate with two to five years of experience as a Java developer in a company who would like to focus their career on cybersecurity.

Alternatively, it could be suitable for an engineer who already has good Java development skills and wants to apply for a first job or a graduate internship.

The developer will have a good mastery of the Java language and will have skills on some frameworks (presented below). Mastery of other programming languages such as Python, C and possibly higher level languages (PHP, Shell, ...) would be a bonus.

Frameworks used :

- |                |  |
|----------------|--|
| ● Jersey       | ● Morphia                              |
| ● Grizzly      | ● <a href="http://crnk.io">crnk.io</a> |
| ● Apache Shiro | ● React (côté front-end)               |

The structure of the OSI / IP network is clearly acquired, you have a thorough knowledge of IP networks and the functioning of the Internet. You have a strong interest in computer security (interest in stateful firewalls, or IDS / IPS).

You have already worked on projects where databases are used (Postgres, MySQL, ...), ideally a knowledge of MongoDB (or other document-oriented databases).

The candidate will move in Linux / FreeBSD systems without problems and must have a good level of English (written and oral).

You will benefit from the support of our development team working on the constant improvement of the product (Front-End / React developer with 10 years of expertise) and our network engineering teams.

## JOB DESCRIPTION:

DynFi is supported by the BPI (Banque Publique d'Investissement) in the framework of projects related to Digital Security.

DynFi has been developing a centralised firewall management software for four years: DynFi Manager.

This offer is now marketed internationally and many companies have chosen to subscribe to our offer.

We are looking for an engineer on permanent contract who will be involved in the development of our centralised firewall manager.

His/her work will consist in enriching this tool with new functionalities and to accentuate the complementarity between the DynFi-Manager and the DynFi-Firewall.

You will have to implement an API intended to allow a decentralised management of firewalls or intrusion detection rules (as opposed to a central management directly operated on the firewall). The developments will be mainly done in Java.

Your remuneration: the candidate will be paid consistently and fairly according to his profile and experience. A fixed salary and bonuses will depend on the success of the development actions assigned to him/her and the good development of the company and the projects entrusted to him/her.

## DESCRIPTION OF THE COMPANY:

DynFi was founded in 2001 by Gregory Bernard (ISG - ESSEC - TélécomParisTech) and will soon celebrate its twentieth year of activity.

Since its inception, the company has specialised in Internet and domain name issues, but over the past thirteen years it has made a strategic shift towards embedded security systems (appliance - UTM - firewall).

As the first French partner of pfSense®, DynFi decided in 2017 to develop the first centralised manager for Open Source firewalls, then in 2019 launched a fork of the OPNsense software.

DynFi markets a selection of firewalls adapted to open source firewall systems as well as complementary services related to these OS (integration, level 3 support, network planning, ...). We have attracted many prestigious customers with this service offering. <https://www.osnet.eu/fr/content/les-clients-osnet>

The candidate will work in a small, close-knit and motivated team with significant international ramifications.

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DynFi has developed an integrated service offering presented on the website - <https://www.osnet.eu/> and <https://dynfi.com/>