

Bedrijf / opdrachtgever : Cegeka

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Aantal medewerkers: 300

Aantal IT medewerkers: 280

Aantal technische begeleiders: 3

Afstudeerrichting: Systemen en Netwerkbeheer

Opdracht

Internship: Gathering metrics with Prometheus

For this project we're looking for someone that wants to help us tackle our metrics itch.

The current system of monitoring and alerting doesn't have the resolution of metrics we're looking for. Since Prometheus has nice features like a flexible api, alerting and service discovery it's currently the way to go. Besides setting up Prometheus, we'd also

like some help with visualisation using grafana.

What we're having in mind:

- Prometheus deploy needs to happen in an automated way (puppet, ansible, terraform, ...)
- Number of servers to monitor: 700+ and counting, so we'd like to make sure the backend can scale
- Where to deploy: AWS, Google, Cegeka datacenters? We'd like your opinion
- Visualisation of the data in grafana
- Some investigation and maybe a small proof of concept monitoring an appliance

Added value for the student:

You'll be helping a small-ish team that's in love with a lot of open source technologies. We're also pretty flexible, very willing to help and like to tackle issues together.

Besides all that, you'll also be gathering experience with some technologies that are currently very looked-after on the jobmarket.

Apply for this internship:

<https://www.cegeka.com/nl-be/jobs/vacatures/jouw-stage-bij-cegeka-be-11358>

Extra Info

Red Hat Linux, terraform, ansible, vagrant

Omgeving

Systemen&Netwerken: Linux, Windows, ...

Randvoorwaarden

Basic knowledge of Red Hat Linux and open source technologies in general (vagrant, terraform, ansible, ...)

You're willing to learn and work together

Your attitude is: I may have no idea how to do this, but want to find out!

Onderzoeksthema

Some investigation and maybe a small proof of concept monitoring an appliance

Inleidende Activiteiten: Sollicitatiegesprek, CV, Vergoeding / tegemoetkoming in verplaatsingskosten

Aantal studenten: 2 studenten

Aanwezig op het Handshake Event:

Stageopdracht voor:

Andere bemerkingen: Cegeka is a leading European IT solutions provider and family-owned company. We specialize in cloud services, security and optimization of infrastructure and business processes and take care of the development and integration of applications, eco-systems and software platforms.

Cegeka was founded in 1992 by André Knaepen and has its headquarters in Hasselt, Belgium. In 2019, the group achieved a turnover of 561 million and employs more than 5,000 people in Europe with offices in the Benelux, Germany, Austria, Romania, Italy, the Czech Republic, Slovakia, France, Russia and Moldavia. We also have two Cegeka-owned high performance data centers: one in Belgium (Hasselt) and one in the Netherlands (Geleen).

As a family-owned IT solutions provider founded on craftsmanship, we work in close cooperation with our customers. Our customers are businesses, organizations and governmental agencies. They are active in different industries like Agri & Food, Aviation, Mobility, Social & Government, etc.

Handtekening Stagebedrijf
Yasmine Simons

Naam en handtekening stagiair