Internships for Becode

Cybersecurity Analyst/Engineer

Admin-info (call Wim 14.01)

Hiring manager Wim Van Boven(ID84465). Back up: Rudy Gillet Center: 0L6I.

Period internship: from Q2, possible to stay out of the summer months?

Location team: Leuven , Brusselsesteenweg 100. (Headquarter next to highway)

Number of working days in Leuven: one day in Leuven, rest of the locations can be discussed

Language skills: As you work in an international context, it is important that you communicate in Dutch and English.

Info from Becode:

possible bootcamps: cybersecurity Brussels/Ghent, others?

Possible start date internship

Vacancy description

You work within the "Access and Identity Management" team and will be tasked to roll out a new end user password manager (for KBC employees).

The product features a client server architecture that needs to be integrated into the KBC environment, configured securely (including role based access), tested, documented and communication and awareness towards the users taken care of.

During the delivery, you take multiple roles depending on the stage in the delivery: designer, system engineer or overall project manager. This is challenging, but brings you into contact with all facets of a delivery and you will be supported by subject matter experts at all times.

You will be involved in choosing and configuring the runtime components (linux or windows, which database, …) that are best fit for this use case. You will interact with other teams in KBC responsible to maintain or support these capabilities.

The assignment ideally spans 10 a 12 weeks or more.

Your skills

Learning and growing: You have the drive to learn a lot.

Technical skills: An IT background, basic knowledge of cybersecurity is a plus, minimum bachelor degree required.

Communication: As you work in an international context, it is important that you communicate in Dutch and English.

Software engineer CI/CD

Admin-info (call Joeri 15.01)

Hiring manager Joeri Laenen (ID84785). Back up Frederik Leijman. Center: 10GT

Preferred period: all periods are possible

Location team is Leuven (near highway) and Ghent. Min 50% in headoffice (in the beginning some more to learn).

Degree: minimum bachelor

Language skills: Dutch required

Possible bootcamps Becode: ????? check Giada campuses Brussels and Ghent.

Possible start date internship

Vacancy description

What does this internship entail?

Are you an intern who would like to work at the heart of ICT at KBC? Do you have a passion for CI/CD technologies and a focus on risk? Then we are looking for you!

As a team, we are responsible for the entire CI/CD environment of all software development at KBC. We are currently in a major migration process where we are moving to a solution based on GitHub Enterprise Cloud. Our goal is to develop a solution that meets all security requirements.

We aim for a centralised solution that at the same time offers enough flexibility to meet the needs of the different software development teams. Automation plays a crucial role here to ensure manageability.

Our goal is to switch the entire organisation (in Belgium, we are soon talking about 4,000 developers) to GitHub as quickly as possible.

We therefore need someone who can think along both functionally and technically to tackle the challenges that arise during this process, but also someone who enjoys programming in Typescript or Python.

You will work closely with the current team of Product Owner (PO), System Architect (SA) and Product Manager (PM).

What do we expect from you?

You will collaborate as a full member in our team and depending on your preference, you will work on one of the following aspects:

● You will manage, integrate and maintain CI/CD systems used across the KBC Group.

● Via a pipeline factory concept, you ensure that other developers within KBC are not burdened with all the details of a CI/CD system and can focus more on their core task: development.

● Your focus is on processes and technology that are part of the centralised platform for the pipeline factory. The pipeline factory specification is worked out by colleagues from the various software factories, with whom you work closely.

● You participate in feasibility studies for new technological services or improvements. In doing so, you always consider safety, maintainability, flexibility and efficiency.

Your strengths?

● You are eager to work in a dynamic team with an excellent atmosphere.

You have a thorough knowledge of Typescript and Javascript. You would like a taste of open systems such as Linux/Windows application servers. ● Furthermore, you also know some of these technologies or principles, or want to get to know them quickly:

○ Github

○ Git / Bitbucket, Jenkins, Nexus, Sonar, Confluence

○ Python

○ YAML / JSON

○ CDK, AWS stepfunctions, Lambda, Dynamo

● In everything you do, you start from the user. You can challenge requirements and convince stakeholders of a certain approach. You inspire and inspire confidence.

● You communicate fluently, professionally and respectfully with everyone. A real team player: flexible, social, creative and positive. And you can expect the same from your colleagues.

● You are customer-oriented by nature. You therefore understand that releases are sometimes worked on outside office hours. This is on call in a rotation system. Your regular working hours are flexible.

* No focus on infrastructure, datacenters

What do we have to offer you?

● The world of cloud and CI/CD is developing rapidly. We give you the space to stay up-to-date and build a solid foundation.

● You choose your workplace: Leuven or Ghent. You can also work from home.

● Our head offices are easily accessible by public transport.

Automation of release publication (software engineer)

Admin-info (call 16.01)

Hiring manager: Koen Janssens, (ID85220), back up: Danny Luwel. Centernummer: 0KNO

contact via Carolien.

Preferred period? All is possible, preferred not during summer holidays.

Location team is LEUBRUST (near highway). Presence to be discussed.

Degree: min bachelor

Language knowledge: English is OK, Dutch not required

Info from Becode

-Possible bootcamps Becode:

-Possible start date internship

Vacancy description

KBC IT provides a data processing platform to internal IT services of KBC Group (international). The new cloud data platform was built out from a Proof of Concept. Now we are in an industrialisation phase towards internal service provision where the new cloud data platform is linked to existing management environment and tooling.

Task:

Taking into account the existing tools and their limitations, work out how to register and monitor our release process more efficiently. We are not talking about CI/CD pipeline releases. Rather, we are talking about our release registration process that handles communication to our internal customers. We want to communicate as efficiently as possible transparently to our internal KBC consumers what we are releasing with tracebility of certain quality checks to ensure availability and security of the platform we provide. The environment we use to communicate to our internal consumers consists of Attlasian Confluence,Jira and Zephir Scale. The challenge is to automate our current way of release and test report registration with quality checks wherever possible. This will make our teams work in the same structured way so that we radiate uniformity and higher professionalism to our internal consumers.

As an approach, we suggest analysing the current release process and its administration. Get to know the tools. Then work out proposals together with the internship mentor what can be automated to gain efficiency in our development teams. Implement one of these proposals yourself.

Skills

software engineer, be able to deliver analysis diagram flow + description, describe acceptance criteria, Python.