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Location: Kortrijk, Belgium

# Karel De Smet

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## EXPERIENCE

### **Artevelde University College, Ghent** – *Lecturer*

02/2025 – TODAY

- Lecturer in Associate Degree of Computer Programming and Associate Degree of Digital Design. Led courses revolving around web development.
- Technologies: HTML, CSS, JavaScript, TypeScript, React, Node.js, Next.js

### **House of HR, Kortrijk** – *Front-end Developer*

08/2024 – 02/2025

- Developed web applications (Angular) and a mobile application (Ionic, Capacitor) for subsidiaries of House of HR.

### **Verhaert Masters in Innovation, Kuurne** – *Front-end Developer*

02/2022 – 08/2024

- Developed web applications for clients such as Vandewiele and Cochlear.
- Developed front-end (Angular) and back-end (Node.js, Prisma, GraphQL, PostgreSQL) for an internal application in the human resources domain.
- Managed cloud infrastructure (AWS) and CI/CD pipelines (Jenkins).

### **Mateco, Kortrijk** – *Front-end Developer*

06/2021 – 02/2022

- Developed web applications (Angular), used in 10+ countries, related to the maintenance and servicing of machines.
- Managed API documentation and automated API tests in Postman.
- Improved the internal design system by creating new re-usable components or making updates to existing ones.

### **Mateco, Kortrijk** – *Test Engineer*

04/2020 – 06/2021

- Performed manual testing of REST APIs, web applications and integrations with external systems (Microsoft Dynamics, Apache Kafka).
- Improved test coverage of front-end code from <30% to >40%.
- Developed automated end-to-end tests (Selenium) for web applications.

## **KBC Group, Brussels** – *Application Manager*

01/2019 – 04/2020

- Managed the development lifecycle of multiple applications (CRM, marketing automation, websites, CMS, digital onboarding).
- Maintained and executed test cases, both manually and automated.
- Supported end users with training, performed analysis for new developments and investigated technical issues.

## **KBC Group, Brussels** – *Digital Marketeer*

01/2017 – 12/2018

- Managed all Bolero (Crowdfunding) public websites.
- Managed all marketing related e-mails to clients and prospects: content, delivery, templates, marketing automation (Selligent), reporting.
- Created business requirements for changes to existing platforms (websites, CMS, CRM, marketing automation).
- Convert data from the websites and marketing automation platform to useful insights regarding lead conversion and client activation.

## **Several jobs in marketing**

09/2013 – 12/2016, see [LinkedIn](#) for more information

## **EDUCATION**

### **Micro degree Blockchain Developer & Architect**

*Howest, 2018 – 2020*

### **Postgraduate degree Digital Marketing & Communication**

*Ehsal Management School, 2012 – 2013*

### **Bachelor degree Business Administration (Marketing)**

*HOGent, 2010 – 2012*

## **CERTIFICATES**

- Professional Scrum Master I (01/2024)
- Leading SAFe (03/2020)
- Selligent Campaign Developer (11/2017)
- Drupal 7.0: Basics (06/2015)