# Lorenzo Catalano

Medior full stack web developer, **portfolio**

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## PROFILE

Ambitious and versatile full stack developer with professional experience in both consultancy and startup environments.

Proven track record delivering solutions for the **Flemish Government**, from real-time registration platforms to cloud-based certificate management and data-driven mobility tools.

Skilled in building and deploying scalable web mainly using **Java (Spring Boot)**, **Angular**, and **AWS**. Experienced with **DevOps practices**—including **CI/CD** with **Jenkins** and cloud infrastructure setup. Comfortable working across the stack, thriving in collaborative teams, and supporting newcomers.

## LANGUAGES

Dutch (native)
French (native)
English (fluent)

## INTERESTS

Technology
Programming
Gaming
Cooking

## EXPERTISE

- Web development
    - Java (Spring Boot, Hibernate, …), Node.js, Laravel
    - Angular, React
    - PostgreSQL, Oracle, MongoDB
- DevOps
    - AWS
        - CI/CD pipelines
        - Lambda functions
        - Cloudwatch
    - Jenkins
    - Git
    - Linux CLI
- Mobile development
    - React Native
- Personal projects
    - Laravel
    - Rust
    - Python
    - Flutter

## WORK EXPERIENCE

### *Full stack developer – DXC*

OCTOBER 2022 - PRESENT

DXC Technology is a global IT services and consulting company, mainly working with the Flemish Government in Belgium.

I worked on several websites for the Flemish Government, including:

- Chiron: Chiron is the mandatory Flemish government platform for real-time registration, validation, and monitoring of all taxi rides.

- **DCBaaS**: The Certificate Management platform (DCBaaS) by the Flemish government enables self-service requesting and management of X.509 certificates to secure applications and APIs with integrated access control and notifications.
- **Verkeersmodellen**: Traffic models are tools used by the Flemish Department of Mobility and Public Works to realistically simulate traffic in Flanders, supporting data-driven evaluation and optimization of policy and infrastructure decisions.
- Etc.

The main technologies used were Java with Spring Boot, Angular, Oracle or PostgreSQL and Docker. But sometimes React and Node.js were used.

I also helped set up the AWS environments and deployed the applications numerous times via Jenkins pipelines.

Occasionally assisted newcomers by setting up their development environments and offering guidance on code quality.

### Full stack developer Internship - *MyGamePlan.ai*

MARCH 2022 - SEPTEMBER 2022

MyGamePlan.ai is a Belgian sports analytics startup that provides football clubs and players with AI-powered tools for performance analysis and decision-making. The platform streamlines data insights and video analysis for optimized team results.

I worked on the React.js (with TypeScript) frontend, Node.js with Express.js backend, MongoDB database and React Native mobile app.

### Summer job as a sales assistant - *Blokker*

JULY 2018 - AUGUST 2018

Responsibilities included cashier duties, store maintenance, merchandise restocking, and assisting with general store operations.

## EDUCATION

### Bachelor in Applied Computer Science - Cum laude

University Colleges Leuven-Limburg, Leuven

SEPTEMBER 2019 - JUNE 2022

Applied Computer Science with specialization in Software Development.

### Secondary school diploma with highest pass grade (A-attest)

Koninklijk Atheneum Tervuren, Tervuren

SEPTEMBER 2013 - JUNE 2019

Secondary Education (ASO), specialization in Sciences and Mathematics.