

# Arnaud Cortisse

Full Stack Developer

## CONTACT INFO

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## PROJECTS

### DoNotSkip

JULY 2019 - JULY 2020

DoNotSkip ([www.donotskip.com](http://www.donotskip.com)): solution allowing sports coaches to create and share workout programs that customers can use on their mobile phones.

This is a personal project I worked on to acquire new skills.

- Developed a CMS platform where coaches can manage their workout programs.
- Developed a marketplace where people can get coaches' programs.
- Developed a mobile application where people who got workout programs can use them and take note of their performance.
- A landing page for the solution.
- CI/CD using Github Actions.

## EXPERIENCE

### Koopol

OCTOBER 2020 - PRESENT

#### Software Developer / DevOps

Koopol (<https://www.koopol.com/>): meaningful product monitoring.

- Worked in a team of 4 people, 100% remote.
- Designed and developed new functionalities. For example, I added new types of data in the scrapping process and made it possible to extract data in more complex scenarios.
- Improved / refactored some parts of the project. I migrated the Node API that was written in plain JS to TS, added some caching layers, etc.
- Utilized: Typescript, NodeJS, Go, Docker, Kubernetes, Gitlab, Redis, RabbitMQ, ElasticSearch, React, NestJS, Laravel.

### Touch Reality

FEBRUARY 2019 - JULY 2019

#### Software Developer

Touch Reality ([www.touch-reality.com](http://www.touch-reality.com)): kitchen design tool

- Worked in a team of 10 people using Scrum methodology.
- Designed and developed new functionalities for design tool applications. I particularly participated in the development of functionalities allowing customers to manage high furniture with ease.
- Wrote internal documentation.
- Utilized: C#, Unity3D, SQL, Winform.
- Leveraged knowledge in object-oriented programming, unit-testing and data structures.

### Deltacast.TV

SEPTEMBER 2016 - FEBRUARY 2019

#### Software Engineer

Deltacast.tv ([www.deltacast.tv](http://www.deltacast.tv)): video solutions for developers

- Worked in a team of 11 people.
- Designed and developed new functionalities (user space and kernel space) for an SDK targeting multiple OSs (Windows, macOS, Linux). I was in charge of the software development of the company's flagship products.
- Wrote external and internal documentation.
- Facilitated the synchronization between the hardware team and the validation team.
- Mentored newcomers.
- Refactored most of the code base in a component-based architecture.
- Utilized: C++, C, Qt.
- Leveraged knowledge in object-oriented programming and data structures.

### Deltacast.TV

SEPTEMBER 2015 - AUGUST 2016

#### Test Engineer

Deltacast.tv ([www.deltacast.tv](http://www.deltacast.tv)): video solutions for developers

- Worked in a team of 11 people.
- Developed object-oriented tests based on specific needs.
- Wrote internal documentation.
- Executed tests.
- Utilized: C++, C#, C++ CLI, Winform.

- Leveraged knowledge in object-oriented programming and data structures.

## Deltatec

AUGUST 2015 - AUGUST 2015

### Software Engineer, Student

Deltatec ([www.deltatec.be](http://www.deltatec.be)): high-tech design company

- Worked mainly solo.
- Created an internal tool fixing some incorrect FPGA constraints generated by one of the internal design tools.
- Utilized: C#, Winform.
- Leveraged knowledge in object-oriented programming, unit-testing and data structures.

## EVS Broadcast Equipment

FEBRUARY 2015 - MAY 2015

### Software Engineer, Intern

EVS Boardcast Equipment ([www.evs.com](http://www.evs.com)): video server and image processing software

- Worked mainly solo.
- Developed an application that acquires, stores and displays data related to a computer park in the audiovisual field.
- Utilized: C#, WPF, XAML, SQL.
- Leveraged knowledge in object-oriented programming.

## EDUCATION

### Institut Supérieur d'Enseignement Technologique

2012 - 2015

#### Bachelor, Information Technology

### Ecole Polytechnique Don Bosco Verviers

2010-2012

#### CESS, Computer Technician

## COMPUTING SKILLS

Back End	Typescript, Javascript, C#, C/C++; node.JS, NestJS, .NET
Front End	Typescript, Javascript, HTML/CSS, C#, XAML; React.js, React Native, Next.js, Gatsby.js, WPF, Winform, Qt
Database	SQL, NoSQL; postgresSQL, T-SQL, Redis
Services	Firebase, Google Cloud, Hasura, Heroku, Elasticsearch
Source Control	Git, SVN, Vault; Gitlab, Github
Design Software	Visual Studio Code, Visual Studio
Misc	Docker

## LANGUAGES

**French (Native), English (Professional working proficiency)**

## INTERESTS

### Sports

**Fitness, running**

### English Learning

**Speaking, writing, reading, listening**

### Reading, Podcasts

**Computer science, programming, well-being, self-improvement, novels**