



# Vitor Vaz Afonso

Software Engineer

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Portfolio: <https://vitorva.github.io/portfolio>

## Education

**University of Applied Sciences - HEIG-VD, Yverdon-les-Bains**

*Sep. 2017 - Sep. 2022*

Bachelor of Science HES-SO in Computer Science, major in Software Engineering

**ETML, Lausanne**

*Aug. 2013 - Jul. 2017*

Computer Scientist CFC • Technical Maturity

## Projects

**HEIG-VD - Bachelor's Thesis**

- VSCode extension for the UON Language

*Feb 2022 - Sep. 2022*

The purpose of the thesis was to create an extension that provides language support for the UON serialization language in the VSCode editor. UON was designed by the professor Yves Chevallier at the HEIG-VD. The thesis received a final rating of 5.5 / 6.

**HEIG-VD - Semester group projects**

- Journeys - <http://myjourneys.xyz>

*Sep. 2021 - Jan. 2022*

Web application for trip creation. It's built using Spring Boot, React, Neo4j and Docker. The app was made with a CI/CD approach. It was tested, built, dockerized and deployed on GCP through a pipeline. It was developed with an agile methodology in a team of 5 students.

- EasyToolz

*Feb. 2019 - Jul. 2020*

Web application for sharing unused objects in Switzerland. It's built using Spring boot, React and MySQL. It was developed with an agile methodology in a team of 6 students.

## Experience

**Gammadia**

*Mar 2023*

Gammadia invited me to work in their company during a day of immersion.

My job was to update the whiteboard of the tpee product in React which was previously generated using the framework Symphony.

**ENAC-IT EPFL**

*Feb. 2016 - Jan. 2017*

Employed 1 year in the ENAC faculty during my CFC as a computer scientist.

My main tasks were to:

- Develop web applications in Node.js.
- Manage IT resources and machine deployment.
- Provide technical support for the students, professors, and collaborators.
- Participate in the training of computer scientist apprentices.

**Clean Code by Robert C. Martin Lectures**

*Aug 2020 - Sep. 2020*

Programming best practices for writing clean code.

## Skills

<b>Languages</b>	JavaScript • TypeScript • Java • Python • C++ • C# • Kotlin • Scala • PHP • HTML5 • CSS3
<b>Frontend</b>	React • Vue.js
<b>Backend</b>	Node.js • Express.js • Spring Boot • Maven • GraphQL
<b>Databases</b>	MySQL • PostgreSQL • MongoDB • Neo4j
<b>Cloud</b>	AWS • GCP • Heroku • DigitalOcean
<b>DevOps</b>	Git • Docker • CI/CD • Pipelines

## Languages

<b>French</b>	Native Language
<b>English</b>	C1