



# Vitor Vaz Afonso

## Software Engineer

21/03/1996 • C Permit

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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

## Experience

### HEIG-VD - Bachelor's Thesis

- *VSCode extension for the UON Language*

Feb 2022 - Sep. 2022

An extension that provides language support for the UON serialization language in VSCode.

The project received a rating of 5.5 / 6.

### HEIG-VD - Relevant group semester 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. The project is now hosted on DigitalOcean. It was developed with an agile methodology in a team of 5 students. It received a rating of 5.6 / 6.

- *EasyToolz*

Feb. 2019 - Jul. 2020

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

It received a rating of 5.5 / 6.

### Relevant personal project

- *Songify*

Oct. 2022 - Nov. 2022

Web application for listening to popular songs. It's built using Vue.js and the SoundCloud API.

### Clean Code by Robert C. Martin Lectures

Aug 2020 - Sep. 2020

Programming best practices for writing clean code.

### ENAC-IT EPFL

Feb. 2016 - Jan. 2017

Employed 1 year during my CFC as a computer scientist to provide IT support to the ENAC faculty.

- Developed web applications in node.js.
- Provided technical support for the students, professors, and collaborators.
- Participated in the training of computer scientist apprentices.

## Skills

<b>Languages</b>	JavaScript • TypeScript • Java • C++ • C# • Python • Scala • HTML5 • CSS3 • PHP • Kotlin
<b>Frontend</b>	React • Redux • Vue.js • Vuex
<b>Backend</b>	Express.js • Spring Boot • Maven • GraphQL
<b>Database</b>	MySQL • PostgreSQL • MongoDB • Neo4j
<b>Mobile</b>	Android • React Native
<b>Cloud</b>	AWS • GCP • Heroku • DigitalOcean
<b>Testing</b>	Jest • Enzyme • CodeceptJS • Puppeteer • Jmeter
<b>DevOps</b>	Git • Docker • CI/CD • Pipelines

## Languages

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