



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 - Sept. 2022

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

Bachelor's Thesis: VS Code extension for the UON Language, **Rating:** 5.5 / 6

ETML, Lausanne

Aug. 2013 - Jul. 2017

Computer Scientist CFC • Technical Maturity

Experience

HEIG-VD - Group projects

- *Journeys* - <http://myjourneys.xyz> Sept. 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.
- *EasyToolz* Feb. 2019 - July. 2020
Web application for sharing unused objects. It's built using Spring boot, React, and MySQL.
- *Stack* Sept. 2020 - Jan. 2021
Question-and-answer site. It's built using the MVC pattern on the server side with Java EE APIs and runs on Open Liberty server in a Dockerised environment.

Relevant personal projects

- *Vareddit (WIP)* Dec. 2022 - now
Web application for publishing and commenting posts. It's built using Vue, Typescript, PostgreSQL, and Spring boot.
- *Songify* Nov. 2022 - Dec. 2022
Web application for listening to popular songs of the moment. It's built using Vue and the SoundCloud API.

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 a web application for a professor in Node.js for the management of temperature sensors used in his department.
- Provided technical support for the students, professors, and collaborators.
- Participated in the training of computer apprentices.

Skills

Languages	Java • C++ • JavaScript • TypeScript • C# • Python • Scala • HTML5 • CSS3 • PHP • Kotlin
Frontend	React • Redux • Vue.js • Vuex
Backend	Express.js • Spring Boot • Maven • GraphQL
Database	MySQL • PostgreSQL • MongoDB • Neo4j
Mobile	Android
Cloud	AWS • GCP • Heroku • DigitalOcean
DevOps	Git • Docker • CI/CD • Github pipeline

Languages

French	Native Language
English	B2