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 5.4 / 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 - Sept. 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

Languages	JavaScript • TypeScript • Java • C++ • 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 • React Native
Cloud	AWS • GCP • Heroku • DigitalOcean
Testing	Jest • Enzyme • CodeceptJS • Puppeteer • Jmeter
DevOps	Git • Docker • CI/CD • Pipelines

Languages

French	Native Language
English	B2