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
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 — 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.
- *Stack* — Sep. 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.
- *EasyToolz* — Feb. 2019 - Jul. 2020
  Web application for sharing unused objects. It's built using Spring boot, React and MySQL.

Relevant personal projects

- *Vareddit (WIP)* — Dec. 2022 - now
  Web application for publishing and commenting posts. It's built using Vue.js, Typescript,
  PostgreSQL and Spring boot.
- *Songify* — Oct. 2022 - Nov. 2022
  Web application for listening to popular songs of the moment. It's built using Vue.js
  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 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
Cloud	AWS • GCP • Heroku • DigitalOcean
Testing	Jest • Enzyme • CodeceptJS • Puppeteer • Jmeter
DevOps	Git • Docker • CI/CD • Pipelines

Languages

French	Native Language
English	B2