



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	
<i>Bachelor's Thesis:</i> 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	
• <i>Journeys</i> - 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.	
• <i>EasyToolz</i>	Feb. 2019 - Jul. 2020
Web application for sharing unused objects. It's built using Spring boot, React, and MySQL.	
• <i>Stack</i>	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.	
Relevant personal projects	
• <i>Vareddit (WIP)</i>	Dec. 2022 - now
Web application for publishing and commenting posts. It's built using Vue.js, Typescript, PostgreSQL, and Spring boot.	
• <i>Songify</i>	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