



Vitor Vaz Afonso

Software Engineer

21/03/1996 • C Permit

Chemin du Levant 1 • 1305 Penthalaz

☎+41(0)77 452 37 6 • ✉vitor.vazafonso@gmail.com

Portfolio: <https://vitorva.github.io/portfolio>

Education

University of Applied Sciences - HEIG-VD, Yverdon-les-Bains Bachelor of Science HES-SO in Computer Science, major in Software Engineering	<i>Sep. 2017 - Sep. 2022</i>
ETML, Lausanne Computer Scientist CFC • Technical Maturity	<i>Aug. 2013 - Jul. 2017</i>

Projects

HEIG-VD - Bachelor's Thesis <ul style="list-style-type: none">• <i>VSCode extension for the UON Language</i> The purpose of the thesis was to create an extension that provides language support for the UON serialization language in the VSCode editor. UON was designed by the professor Yves Chevallier at the HEIG-VD. The thesis received a final rating of 5.5 / 6.	<i>Feb 2022 - Sep. 2022</i>
HEIG-VD - Semester group projects <ul style="list-style-type: none">• <i>Journeys</i> - http://myjourneys.xyz 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. It was developed with an agile methodology in a team of 5 students.	<i>Sep. 2021 - Jan. 2022</i>
<ul style="list-style-type: none">• <i>EasyToolz</i> Web application for sharing unused objects in Switzerland. It's built using Spring boot, React and MySQL. It was developed with an agile methodology in a team of 6 students.	<i>Feb. 2019 - Jul. 2020</i>

Experience

Gammadia Gammadia invited me to work with them during a short internship of one day. My task was to update the whiteboard of the tipee product using React. It allowed me to work on a large project with a team of experienced developers.	<i>Mar. 2023</i>
ENAC-IT EPFL Employed 1 year in the ENAC faculty during my CFC as a computer scientist. My main tasks were to: <ul style="list-style-type: none">• Develop web applications in Node.js.• Manage IT resources and machine deployment.• Provide technical support for the students, professors, and collaborators.• Participate in the training of computer scientist apprentices.	<i>Feb. 2016 - Jan. 2017</i>
Clean Code by Robert C. Martin Lectures Programming best practices for writing clean code.	<i>Aug 2020 - Sep. 2020</i>

Skills

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

Languages

French	Native Language
English	C1