



DAVIDE VOLPE

SOFTWARE ENGINEER

PROFILE

Software engineer with 4+ years of experience in backend with a great will and curiosity in learning new technologies, along with strong time-management skills and work ethic.

WORK EXPERIENCE

Backend JAVA Developer - Technology Reply

2019 - present

Development and maintenance of the **P.L.M.** (Product Lifecycle Management) software for a well-known Italian fashion company.

- **Technical team leader**
- Contribution to requirement's analysis
- Direct contact with business

Other activities: Reply cyber challenge 2022, Reply code challenge 2022 & 2023

University Internship - Ca' Foscari University of Venice, Venice

2019

Development of a web application that handles and visualizes graphs from open data in CSV format using **Angular**, **NodeJS** and **MongoDB**.

EDUCATION

Master Degree in Computer Science - Ca' Foscari University of Venice, Venice

2020 - 2022

Thesis title: A Ghidra plugin for native code metrics

Final vote: 108/110

Bachelor Degree in Computer Science - Ca' Foscari University of Venice, Venice

2016 - 2019

Activities: cyberchallenge.it: learning cyber security topics through courses and CTF competitions. <https://cyberchallenge.it>

Thesis title: Web Application for the Veneto Regional Council

Final vote: 110/110 cum laude

High school leaving qualification in scientific classes - "Duca degli Abruzzi high school, Treviso

2011 - 2016

Activities: E.E. project: science in schools. <https://eee.centrofermi.it>

CONTACT



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Montebelluna, TV, Italy

MAIN SKILLS

- Team Work
- Project Management
- Verbal & written relations

CERTIFICATIONS



OCP - 1Z0-815, 1Z0-819

Java SE 11 Developer

LANGUAGE

Italian



English



Driving license
with own car

HOBBIES & SPARE TIME

- Play the guitar
- Play volleyball
- Manage my own cloud server
in which I deploy my projects

TECHNICAL SKILLS

Programming Languages:

Excellent	Java (Java-EE, Hibernate, SpringBoot), SQL (Transact-SQL, Oracle PL/SQL)
Optimum	C, C++, Typescript & Javascript, shell scripting (bash, powershell)
Good	Python, PHP

Other:

- Unix-like OS, Windows OS
- GIT versioning system
- Docker and app containerization/scaliblity
- Web development (ReactJS, Angular, NextJS, Flutter)
- App development (Android Studio, Flutter)
- System architecture and networking

PERSONAL PROJECTS

Various projects can be found on my GitHub profile (<https://github.com/westfox-5>)

Most interesting project:

- **Battleship:** multiplayer version of the classic battleship game, made in Angular 6, NodeJS, MongoDB.
- **IO-Lego:** Android application that controls a Lego Robot EV3 through colored cells, made in Java using Android Studio and Eclipse.
- **GhidraMetrics:** Plugin for the Ghidra reverse engineering tool that computes various code metrics on native code. Made in Java.