



CONTACT



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Montebelluna, TV, Italy

SOFT SKILLS

- Problem solving
- Attention to detail
- Mentoring & knowledge sharing

CERTIFICATIONS



OCP - 1Z0-815, 1Z0-819

Java SE 11 Developer

LANGUAGE

Italian



English



Driving license
with own car

DAVIDE VOLPE

SOFTWARE ENGINEER | BACKEND & JAVA SPECIALIST

PROFILE

Software Engineer with strong expertise in backend systems and team leadership. Experienced in Java, Spring Boot, and distributed applications. Adept at mentoring junior developers, managing Agile workflows, and delivering robust, maintainable solutions within dynamic environments.

WORK EXPERIENCE

Software Engineer - T.A.S. s.p.a

2024 - present

Full Remote experience as senior **Java EE** software developer.

- Working in a **SCRUM** team of 4 people in a multi-team environment.
- Financial applications for Instant Payments bank transfers along with shared common libraries maintenance.
- Experience with **Spring Boot** and Spring Batch, MQs, Apache Kafka, **Docker**, Kubernetes deployments, Helm, GitLab pipelines.

Java Developer, Team Leader - Technology Reply

2022 - 2024

Technical team leader of a group of 4 people.

Analysis and design of data models. Experience with meetings with the business, definition of **testbooks** and active participation in customer UATs.

Application deployment and maintenance, management of **ticketing system** and ticket lifecycle.

2021 - 2022

Analyst Java developer.

Design of data models based on business requirements. Participation in both technical and functional meetings. Improved system stability, reducing incident tickets by 15%.

2019 - 2021

Java developer.

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

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**.

HOBBIES & SPARE TIME

- System administration & infrastructure optimization (personal cloud server, deployment & automation)
- Playing guitar
- Playing volleyball

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>

TECHNICAL SKILLS

Programming languages: Java (EE, Spring, Hibernate), SQL (Transact-SQL, PL/SQL), C/C++, TypeScript, JavaScript, Python, PHP

Frameworks & Tools: Spring Boot, Spring Batch, Angular, React, NextJS, Docker, Kubernetes, Helm, GitLab CI/CD

Messaging & Databases: Apache Kafka, MQs, Oracle, MongoDB

Other: Unix/Linux, Windows, Git, Networking, System architecture

PERSONAL PROJECTS

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

Battleship: multiplayer version of the classic battleship game, built with Angular, 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.