Alessandro **Pezzato**

INDEPENDENT SOFTWARE CONSULTANT AND TRAINER ·

Trebaseleghe, PD, Italy

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"Learn. Code. Teach. Repeat."

Summary

With over 18 years of professional software development experience and a passion for programming that began at the age of 11, I bring a wealth of expertise to the table.

Specializing in C++ since 2007, I have consistently delivered high-quality solutions throughout my career.

I offer consulting, training, and software development services to companies, specializing in C, C++, Rust, Linux, and technologies for embedded and IoT systems.

Since 2014, I have been working as an independent software developer, taking on various projects.

In addition to my development work, I have also taken on the role of a trainer, sharing my knowledge and expertise with other developers to help them enhance their skills.

I have organized and conducted numerous C++ and Rust courses, providing comprehensive training on best practices and various software development methodologies.

As both a developer and a trainer, I am committed to staying up-to-date with the latest industry trends and technologies, ensuring that I can provide the most relevant and valuable guidance to my clients and students.

Work Experience (as independent consultant)

Bluewind S.r.l.
Castelfranco Veneto, Italy

DEVELOPER, CONSULTANT, TRAINER — *2018 - Present*

- Implemented drivers and firmware for various safety critical embedded systems for automotive, marine and and industrial products. Languages: C, C++, Rust.
- Organized C++ and Rust courses for about ten developers.

Texa S.p.A.
Monastier, Italy

DEVELOPER, CONSULTANT, TRAINER — *2014 - Present*

- Developed C++ communication libraries (both embedded and server side) for an IoT automotive project to handle real-time remote diagnostic data of about 500 thousands vehicles.
- Organized multiple C++ courses between 2015 and 2022, a total of about 150 hours and 40 developers.

Spring Tech Innovations S.r.l.
Limena, Italy

DEVELOPER, CONSULTANT — *2022*

- Developed C++ software for an home automation and alarm system.

Ferrous Systems GmbH
Berlin, Germany

DEVELOPER — *2022*

- Developed Rust compiler tests for Ferrocene qualified toolchain.

MERMEC S.p.A.
Morgano, Italy

DEVELOPER, CONSULTANT — *2020 - 2022*

- Developed C++ and C# software for surface inspection of steel products.

ASTRA Yacht S.r.l.
Monfalcone, Italy

DEVELOPER, CONSULTANT — *2015 - 2022*

- Developed C++ software for sailboat real-time performance analysis.

Qascom S.r.l.
Bassano del Grappa, Italy

TRAINER — *2021*

- Organized a 45 hours C++ course for 20 developers.

Salvagnini S.p.A.
Sarego, Italy

TRAINER — *2019 - 2020*

- Organized a course on modern C++ and Test Driven Development, for a total of 24 hours and 10 developers.
- Organized a course on Test Driven Development for C and C++, for a total of 24 hours and 10 developers.

Ubilot S.r.l.   *Bassano del Grappa, Italy*

DEVELOPER, CONSULTANT   *2019*

- Developed C++ and C# software.

Adatta S.r.l.   *Padova, Italy*

TRAINER   *2018*

- Coached a junior C++ developer.

Carel S.p.A.   *Brugine, Italy*

DEVELOPER, CONSULTANT   *2014 - 2018)*

- Developed C++ software and C Linux drivers for HVAC products.

GM Trading srls   *Borgoricco, Italy*

DEVELOPER   *2014 - 2018*

- Developed (JavaScript) UI of an e-commerce website

Work Experience (employee)

Vimage S.r.l.   *Mirano, Italy*

LEAD SOFTWARE DEVELOPER   *Jul 2007 - Jul 2014*

- Coordinated and mentored the R&D team of up to 5 developers.
- Worked on different projects for museums, stores and events. Most projects involved interactive projections, touchscreens, touchless sensors and computer vision.
- Developed company's core C++ libraries for 2d and 3d games.
- Developed a company Linux distribution based on Gentoo Linux.

Nasch S.r.l.   *Padova, Italy*

WEB DEVELOPER   *Oct 2005 - Apr 2007*

- Developed local companies websites (PHP and JavaScript).
- Developed a web tv platform (Flash and ActionScript 3)

Education

Liceo Scientifico E. Majorana   *Mirano, Italy*

SCIENTIFIC HIGH SCHOOL DIPLOMA WITH A SPECIALIZATION IN THE NATIONAL INFORMATICS PLAN (P.N.I.)   *2001 - 2005*

Università di Padova   *Padua, Italy*

MECHANICAL ENGINEERING (INCOMPLETE)   *2005 - 2006*

Università Ca' Foscari Venezia   *Venice, Italy*

BUSINESS ADMINISTRATION (INCOMPLETE)   *2006 - 2008*

Skills

Programming tools and techniques   Git, gdb, Docker, NeoVim, CLion, TDD

Programming Languages   C++, C, Rust, JavaScript, Python, Haskell, C#, Bash

Languages   Italian, English