



Software Developer



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## WHO AM I?

I'm a software developer living in Milan, born and raised in Treviso (Italy). I've been programming for over half of my life. I'm comfortable creating, developing, maintaining, and improving software written in C, C#, Python, Elixir, Rust, etc (most of my recent projects have been written in Elixir). I want to work more on Haskell, Rust, Erlang, OCaml and Scheme. I believe in the value of Open Source Software. My current interests revolve around functional programming, algorithms, compilers, interpreters, domain-specific languages, virtual machines and autonomous robots. I like designing, developing and deploying backend services focusing on high availability, low latency and scalability, building and operating infrastructure, toolset, and deployment pipelines and using all kinds of test methodologies, including A/B tests. I'm interested in keeping up with current best practices in my areas of expertise, and I'm comfortable running your software in Linux environments. I know, care and try to improve sound engineering practices like continuous delivery, defensive programming and automated testing. I'm familiar with designing and building distributed and scalable systems and enjoy seeing millions of users running my code. I understand data structures and algorithms well and how to apply them to design pragmatic solutions.

## EXPERIENCE

04/2022  
now  
full remote

### Software Developer

Forza Football

I worked with the Elixir programming language. The focus of the team I was in has mostly been around the system in charge of ingesting football data updates from different data providers. I also worked on a few open-source projects that the company maintains.

Elixir

04/2020  
03/2022  
Milan — hybrid remote

### Software Developer

Casavo

Creating infrastructure and microservices written in Elixir and Rust from scratch for listing platform and then for internal tool to manage real estate transactions. The main application is written with command library in CQRS and Event Sourcing. Help to create or evolve Test Automation, CI/CD and Observability practices.

Elixir / Rust / TypeScript / Python

06/2018  
03/2020  
Milan — full time

### Software Developer

Prima Assicurazioni S.p.A.

Implementation of new features and maintenance activities on a insurance back-office platform mainly with Elixir, PHP, Elm and Haskell.

PHP / Elixir / Python / Haskell

09/2016  
05/2018  
Milan — full time

### Software Developer

Deus Technology

Implementation of new features and maintenance activities on a financial back-office platform focused on performance and reliability mainly with Python and Java. Design and implementation of a system to collect intraday financial data from different data provider.

Python / Bash / Java / C

01/2016  
08/2016  
Milan — full time

### Software Developer

ECRM Italia

Analysis, design and development of digital rewards and gifting platform mainly with Microsoft technologies. Consultant activity at ABB automation.

C# / .NET / Javascript

04/2015  
01/2016  
Milan/Bologna — full time

### .NET Developer / Consultant

YOOX Group

Analysis, design and development APIs for the internal orders team using ASP.NET Web API, messaging system with RabbitMQ and MongoDB. Migration to a new IBM inventory and e-commerce system in Java and Scala. Tech leader of "lost and returns", "payment" and "fraud detection" teams.

C# / .NET / Java / Javascript

03/2012  
03/2015  
Milan — full time

### Software Developer / Architect

Dev4Side

Web applications with ASP.NET and various javascript frameworks, mobile applications for iOS, Android and Windows Phone with Xamarin and native languages (Objective-C, Java and C#). Design and development web-based application with Node.js and Meteor.js (veganwall.com). Speaker at various events.

C# / .NET / Xamarin / Meteor.js

05/2011  
02/2012  
Padova — full time

### Junior Software Developer

Sia-Net S.r.L

Analysis, design and development websites and web-based applications, with C# and ASP.NET (WebForms and MVC) on Windows and Linux (Mono).

C# / .NET / Javascript / Mono

11/2008  
04/2011  
Treviso — full time

### Junior Software Developer

Ergon Informatica

Analysis of production systems business, development and customization of software applications for the resolution of issues related to sales, production, purchasing, planning, inventory management and management control. Developing small applications for the web and mobile devices. Development of virtual systems (VMware). Research and development. Activities Help Desk / Technical Support.

VB6 / VB.NET / .NET / C

04/2004  
10/2008  
Padova — full time

### PLC Manager — Industrial machine division

Digipack S.r.L

Development for the automation of industrial processes, programming anthropomorphic robot (ABB, FANUC and KUKA) for the movement and handling of industrial products in general. Research and development. FANUC with Teach Pendant (or TP) and KAREL programming languages ABB with RAPID programming language KUKA with KRL programming language Plc SIEMENS with KOP, FUP and AWL programming languages

C / VB.NET / asm

## EDUCATION

1999  
2004  
Treviso

Electrical and advanced industrial automation 100/100

Istituto Tecnico Industriale "E.Barsanti"

## CERTIFICATIONS

2012  
Milan

**TS: Web Applications Development with Microsoft .NET Framework 4**

Microsoft Certification

ID: 9367215

2021  
Online

**Decision-making for Software Development Teams Workshop**

Avanscoperta

ID: 2021 07 01

2021  
Online

**Applied Functional Programming Workshop**

Avanscoperta

ID: 2021 06 23

2021  
Online

**EventStorming Remote Modelling Workshop**

Avanscoperta

ID: 2021 05 11

2021  
Online

**Haskell Fundamentals**

47 Degrees

2022  
Online

**Microservices Practical Workshop**

Avanscoperta

ID: 2022 01 21

## OTHER ACTIVITIES

2019  
now  
Worldwide

**Create and develop autonomous and self driving robots / Lego Robot Champion**

## LANGUAGES

**Italian** — native  
**English** — proficient  
**French** — rudimentary

## HOBBIES

Tech Speaking, blogging, running and participate in various meetup and user groups.

## NON PROFIT

Contribute to various Open Source projects.