# LUCA ZULIAN

## Software Craftman

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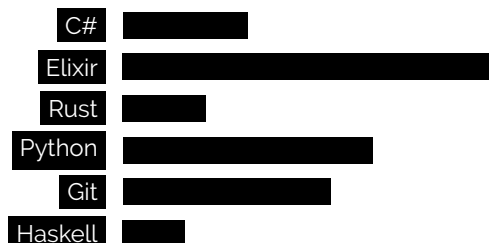
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## WHO AM I?

I'm a software craftsman 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'd like to work more on Haskell, Rust, Erlang, OCaml, 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 robot.

- C#
- Elixir
- Rust
- Python
- Git
- Haskell

## EXPERIENCE

**04/2020-now**
Milan - full time

**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 commanded library in CQRS and Event Sourcing. Help to create or evolve Test Automation, CI/CD and Observability practices.
```
Elixir / Rust / TypeScript
```

**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 variuos 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<br>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<br>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<br>Treviso | **Electrical and advanced industrial automation** | **Istituto Tecnico Industriale "E.Barsanti"** |
|---|---|---|

## CERITFICATIONS

| 2012<br>Milan | **TS: Web Applications Development with Microsoft .NET Framework 4**<br>ID : 9367215 | **Microsoft Certification** |
|---|---|---|
| 2021<br>Online | **Decision-making for Software Development Teams Workshop**<br>ID : 2021 07 01 | **Avanscoperta** |
| 2021<br>Online | **Applied Functional Programming Workshop**<br>ID : 2021 06 23 | **Avanscoperta** |
| 2021<br>Online | **EventStorming Remote Modelling Workshop**<br>ID : 2021 05 11 | **Avanscoperta** |
| 2021<br>Online | **Haskell Fundamentals**<br>ID : | **47 Degrees** |

## OTHER ACTIVITIES

| 2019-now<br>Worldwide | **Autonomous / Self Driving / Lego robot championship** |
|---|---|

## 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.