

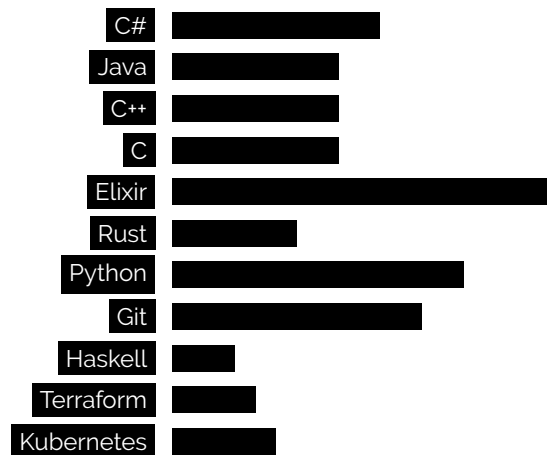
Software Craftman

📍 Milan  
☎ +39 347 5294448  
✉ info@lucazulian.it

in linkedin.com/in/zulianluca  
github.com/lucazulian  
🐦 @luca\_julian

## 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 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 have a good understanding of data structures and algorithms and understand how to apply them to design pragmatic solutions.



## EXPERIENCE

04/2022 now full remote	<b>Software Developer</b> 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	<b>Forza Football</b>
04/2020 03/2022 Milan — full time	<b>Software Developer</b> 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	<b>Casavo</b>
06/2018 03/2020 Milan — full time	<b>Software Developer</b> Implementation of new features and maintenance activities on a insurance back-office platform mainly with Elixir, PHP, Elm and Haskell. PHP / Elixir / Python / Haskell	<b>Prima Assicurazioni S.p.A.</b>
09/2016 05/2018 Milan — full time	<b>Software Developer</b> 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	<b>Deus Technology</b>
01/2016 08/2016 Milan — full time	<b>Software Developer</b> Analysis, design and development of digital rewards and gifting platform mainly with Microsoft technologies. Consultant activity at ABB automation. C# / .NET / Javascript	<b>ECRM Italia</b>
04/2015 01/2016 Milan/Bologna — full time	<b>.NET Developer / Consultant</b> 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	<b>YOOX Group</b>

03/2012 03/2015 Milan — full time	<b>Software Developer / Architect</b> 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	Dev4Side
05/2011 02/2012 Padova — full time	<b>Junior Software Developer</b> 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	Sia-Net S.r.l.
11/2008 04/2011 Treviso — full time	<b>Junior Software Developer</b> 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	Ergon Informatica
04/2004 10/2008 Padova — full time	<b>PLC Manager — Industrial machine division</b> 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	Digipack S.r.l.

## EDUCATION

1999 2004 Treviso	<b>Electrical and advanced industrial automation</b>	Istituto Tecnico Industriale "E.Barsanti"
-------------------------	--	---

## CERTIFICATIONS

2012 Milan	<b>TS: Web Applications Development with Microsoft .NET Framework 4</b> ID: 9367215	Microsoft Certification
2021 Online	<b>Decision-making for Software Development Teams Workshop</b> ID: 2021 07 01	Avanscoperta
2021 Online	<b>Applied Functional Programming Workshop</b> ID: 2021 06 23	Avanscoperta
2021 Online	<b>EventStorming Remote Modelling Workshop</b> ID: 2021 05 11	Avanscoperta
2021 Online	<b>Haskell Fundamentals</b>	47 Degrees
2022 Online	<b>Microservices Practical Workshop</b> ID: 2022 01 21	Avanscoperta

## OTHER ACTIVITIES

2019 now Worldwide	<b>Autonomous / Self Driving / Lego Robot Champion</b>
--------------------------	--

## 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.