

# Alessandro Zanin

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Experienced software engineer focused on developing strategic software solutions.

Mainly interested in software architecture, distributed systems, and programming languages.

In love with functional programming and open-source software.

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## Education

- 2012-2015**      **Master Degree, Computer Science;** University of Bologna (Bologna)  
*Thesis title: Support and experimentation of social aspects in Smart City scenarios*
- 2009-2012**      **Bachelor Degree, Computer Science;** University of Bologna (Bologna)  
*Thesis title: Handle and support of monitoring tasks in Mobile Sensing scenarios*

## Work Experience

### Senior Software Developer 2015-present, YOOX NET A PORTER GROUP:

Evolving the company *order management system* platform implementing new strategic features while ensuring no business drawbacks for multiple brands with different business models.

I started in 2015 as **software developer** taking part in the new order management system implementation to:

- replace the legacy platform
- integrate with *warehouses, accounting, payment, fraud* and *customer care* systems
- integrate with *IBM Websphere Watson Commerce*
- develop *omnichannel capabilities* (ship from store, split shipment, direct invoice, and so on)
- develop the new strategic *order history* solution

I used to work since the beginning in the team responsible for the order lifecycle management, actively contributing to:

- the implementation of new features in the order system
- the integration with external domain systems developing several anti-corruption-layers

In 2019 I was promoted to **senior software developer** which meant leading the team from a technical point of view.

## Technical Experience

**Functional Programming**      I'm constantly trying to learn new principles and techniques surrounding Functional Programming. The libraries I have the most experience with are: *Scalaz, Cats, Cats-effect, Doobie, Http4s, Fs2, Shapeless, Monocle, Tapir, Circe*.

<b>Languages</b>	<i>Scala</i> (expert) <i>Java</i> (proficient) <i>Haskell, C#, Kotlin</i> (basic)
<b>Tools</b>	<i>Sbt, Maven, Git</i>
<b>Database</b>	<i>Oracle, MongoDB, MicrosoftSQL Server, Apache Cassandra</i>
<b>Cloud</b>	<i>AWS</i>
<b>Container</b>	<i>Docker</i>
<b>Messaging</b>	<i>RabbitMQ, IBM MQ</i>
<b>Open Source</b>	I have contributed to <i>Scalaz</i> , <i>jms4s</i> and <i>fs2-rabbit</i>

## Communities

I am the founder and the coordinator of a local community named *Functional Programming in Bologna*

Every month I organize and run training workshops on Scala and Functional Programming to help improve the skillset and knowledge of my team members.

Thanks to this community I had the opportunity to join the members of the *Scala Italy* in the organization of the 2019 edition in Bologna.

I am also an active member and co-founder of an Italian community named *Functional Fest*. We are focused on the organization of an international conference about functional programming shortly.

## Certificates

- First Certificate in English C1

## Hobbies

Apart from programming, I like to take care of plants and reading philosophy authors.

Cats lover and owner!

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