Alessandro Zanin

Software Engineer **link**

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*

Experience

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

In 2019 I was promoted to **senior software developer** which meant leading the team responsible for the complete lifecycle of the backend ordering system. Being the technical leader include these additional responsibilities:

- Integrating and onboarding external clients on our platform
- Increase and manage the technical level of my team
- Be responsible for the architectural choices of our domain cooperating with other teams
- Have a strict connection with a business analyst for designing the best solution given the requirements
- Be the responsible for the technical judgment of new candidates that want to join our team

Sofware Developer 2015-2019, YOOX NET A PORTER GROUP:

I started as a software developer in the team that was responsible for the complete lifecycle of the backend ordering system. We were responsible for building a brand-new ordering platform and meant working on:

- Develop a consistent number of microservices and anti-corruption layers
- Customize and manage a third-party order management system (IBM Sterling Order Management System)

Technical Experience

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

Messaging Systems   In developing microservices I had experience interacting with message brokers of two different technologies, **RabbitMQ** and **IBM MQ**

Cloud Providers   Basic experience with **AWS**

Container technologies	I have developed Scala applications built and deployed in **Docker** containers. I use Docker it for **Integration Test** as well inside our continuous integration flow.
Continuous Integration and Deploy	I'm familiar with the definition of Continous Integrations pipelines using tools such as **Team City** and **Jenkins**. Lately, I have used **Travis** for some open source project. From a deploy perspective, I have worked in the definition of deploy pipeline using a tool like **Urban Code Deploy**
Open Source	I have contributed to some project: • Scalaz **link** • jms4s **link** • fs2-rabbit **link**
Programming Languages	**Scala:** This is my main programming language, I've been using it in production since 2015 and have implemented functional principles as often as possible. **Java:** I use Java daily so I'm comfortable with it. Basic knowledge of **Haskell**, **C#**, **Kotlin**

Local Community

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

Every month (more or less) I organise 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. **link**

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!