



Fabio Tiriticco

Software Architect and Tech Lead

I am interested in challenges related to the performance, resilience and scalability of distributed systems. I particularly like event-based, streaming data systems - so much so that I founded the 'Reactive Amsterdam' meetup. I have a growing speaking record and I feel very comfortable with crowds and community events.

Scala and Akka are my favorite dev tools since 2012. I love functional programming and have done a lot of object-oriented work with C++, C# and Java - including a lot on Android. I maintain a couple of successful open source libraries, such as <https://github.com/ticofab/android-gpx-parser>.



Scala



akka



kubernetes



git



android



kafka

Latest assignment

- .NET / C#
- Kubernetes
- Kafka
- Azure Cloud
- MS SQL



Migration from the old eComm backend system to a set of event-driven microservices built with .NET Core and C#. Architecture based on CQRS and Event Sourcing, powered by Helm and Kubernetes on Azure Cloud (AKS). Observability with DataDog. Taken to production in the US.

Community & speaking

Blog: <http://ticofab.io>
Github: <https://github.com/ticofab>
Medium: <https://medium.com/@ticofab>
LinkedIn: <https://www.linkedin.com/in/ticofab/>

Reactive *
Amsterdam**



Tech crowds are my natural element. I founded the Reactive Amsterdam meetup and grew it to 2100+ member and 15+ sponsors, including Uber and TomTom. I love writing articles/tutorials about architectures for resilient, distributed systems.

Selected talks (*complete list at <http://ticofab.io/talks>*)

Webinar with Lightbend 2019

Reactive Summit 2018, Montreal (CA)

Reactive from Code to Cloud
Akka Cluster vs Kubernetes

<https://t.co/HbNwbF0TLI>
<https://t.co/f0b2mG6SeY>

Education

Master's Degree in Telecommunication Engineering, Rome 2006

Most relevant working experiences *(complete list on my LinkedIn profile)*

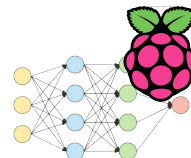
Ace & Tate, 2018 to 2019. Migration of the old backend system (inventory, stock, e-commerce) from PHP + Ruby to a set of Scala microservices using Lagom + Akka Streams. Data backplane with Kafka deployed on Kubernetes. Event Sourcing + CQRS.

- Scala / Akka
- Lagom
- Kubernetes
- Kafka



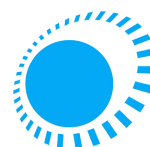
PI AI, 2019. Trained a Neural Network to detect planes and run the model on a Raspberry PI. If a plane was detected, a picture was posted on Twitter at @PlanesOnBridge. I created a talk titled 'From Zero to Deep Learning'. A recent recording: <https://t.co/9i0skLDV>

- Deeplearning4j
- Scala / Akka
- Bash scripting
- IoT



Weeronline, 2015 to 2018. Tech lead with a total of 16 reports. A Dutch B2C company that offers weather forecasts. Streaming data processing engine to evaluate and serve forecasts from 15k weather stations worldwide with Scala, Akka & Kafka.

- Empathy
- Listening
- Scala / Akka
- Kubernetes



CloudMatch, 2013 to 2015. My own startup. The idea was to enable users to swipe or pinch across multiple screens next to one another. I built the actual service in Scala + Play running on Digital Ocean, and the two Android & iOS clients. The concept was fun but we couldn't find the right product/market fit. I learned a lot both in and outside my comfort zone.

See it in action! Our website is still alive at <https://cloudmatch.github.com>.



TomTom, 2007 to 2012. Development on embedded devices. First C++ in a homegrown framework, later Java on Android. I have worked as a scrum master too. Most important delivered components:

- Separation of engine and UI via an API layer
- Bluetooth connectivity for Renault automotive devices



Personal & hobbies

I love video editing in all of its form and have spent too much money on GoPro gear. Long distance touring on my bicycle is my favorite outdoor activity: I had a travel blog which then became a book that that nobody bought. I used to play the bass guitar in a Pixies cover band, and building my own furniture is another thing I enjoy doing to get my eyes off the screen.

