



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.

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 (as in *reactive systems*, not *react.js*) and grew it to 1600+ member and 15+ sponsors, including Uber and TomTom, for 27 nights to date. I love writing articles/tutorials about architectures for resilient, distributed systems. I have spoken at a dozen conferences and more are in the pipeline, with a talk in collaboration with a Google Certified Partner, Container Solutions:

- Florence (IT), **Scala Italy**, 14th September
- Montreal (CA), **Reactive Summit**, 22nd October
- London (UK), **O'Reilly Software Architecture Conference**, 29th October
- Berlin (DE), **Codemotion**, 20th November

J on the Beach 2018, Malaga (ES)
Codemotion 2017, Amsterdam (NL)

Cloud Native Akka and Kubernetes
Beyond Fault Tolerance

A couple of selected past talks:
<https://youtu.be/OOXRgd5yUQo>
<https://youtu.be/zgKoAfhCHVE>

Tech

Scala and Akka are my favorite dev tools since 2012. I love functional programming but have done a lot of object-oriented work with C++ and Java - the latter mostly 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

I am currently building a system that uses machine learning to seek patterns between events about a cryptocurrency and variations of its price. I designed it with an event-first approach, all services run on GKE and use Pub/Sub, BigQuery and Datastore. To read about it: <http://ticofab.io/Caterina-side-project/>

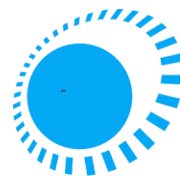
Education

Master's Degree in Telecommunication Engineering, Rome 2006

Most important working experiences *(full list on my LinkedIn profile)*

Weeronline, 2015 to 2018. A Dutch B2C company that offers weather forecasts. As a Tech Lead, I directly managed and grew all teams of the development department. My role included

- Active listening to team members' issues & problem solving
- Tech vision and choices for the brand, after open discussions
- Performance goal settings and appraisals
- Recruitment: candidate screening and job interviews
- Work with Product Owners for estimations and consolidation of roadmap



As a developer/architect, the biggest achievement was the creation of a streaming data processing engine to evaluate and serve forecasts from 15k weather stations worldwide with Scala, Akka & Kafka.

Android & backend consultant, 2014 to 2015. Native Java Android development and reactive system design & development for a number of clients, with Scala + Akka and PaaS deployment.

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 all backend, Android & iOS clients. The concept was fun but we couldn't find the right product/market fit. I value this experience very much as I learned a lot both in and outside my comfort zone.

To 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

Tech is also my biggest passion - be that engaging with communities or tinkering with IoT. 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 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.

