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/

Tech crowds are my natural element. I founded the Reactive Amsterdam meetup and grew it to

· 1800+ members
· 15+ sponsors, including Uber and TomTom
· 30+ 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 - see 'Talks' section of my blog.

Selected past talks:
Reactive Summit 2018, Montreal (CA)   *Clustering Solutions Showdown*   *https://t.co/f0b2mG6SeY*
J on the Beach 2018, Malaga (ES)   *Cloud Native Akka and Kubernetes*   *https://youtu.be/OOXRgd5yUQo*
Codemotion 2017, Amsterdam (NL)   *Beyond Fault Tolerance*   *https://youtu.be/zgKoAfhCHVE*

Tech

Scala and Akka are my favorite 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 .

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/
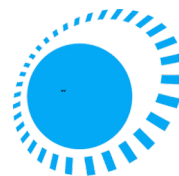
Education

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.