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/

I founded the Reactive Amsterdam meetup and grew it to 1600+ member. Tech crowds are my natural elements and I have a growing speaking & writing record, see my blog or medium. For instance:

O'Reilly SA Conference 2018, London	Clustering Solutions Showdown	upcoming
J on the Beach 2018, Malaga	Cloud Native Akka and Kubernetes	https://youtu.be/OOXRgd5yUQo
Codemotion 2017, Amsterdam	Beyond Fault Tolerance	https://youtu.be/zgKoAfhCHVE

Tech

Scala and Akka are my favorite developing tools since 2012. I have done a lot of object-oriented work with C++ and Java - the latter mostly on Android. I am very passionate about my work and 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/

I started my own startup in the mobile space around the years 2013-14: 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 .
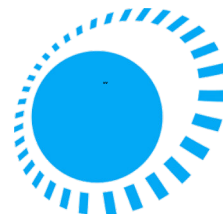
Education

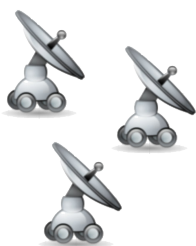Master's Degree in Telecommunication Engineering, Rome 2006

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

Weeronline, 2015 to 2018. A Dutch B2C company that offers the most accurate weather forecast. 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
• Making sure the team works smoothly & deliver accordingly

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.

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:

• Creation of an API layer between the engine and the UI
• 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.

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