

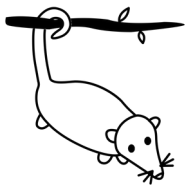
Fabio Tiriticco

Software Developer and Community Leader

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 and help run the Kubernetes Community Days Amsterdam conference. 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 use basic functional programming principles 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>.

Current Project



Sopossum.com: startup to improve the world of VAs.

I have built the backend with Scala and Akka, with potential scalability in mind. The frontend is built with SvelteJS. Everything is packaged in Docker containers and deployed on GKE by CD pipelines built with GitHub Actions.

- Scala / Akka
- PostgreSQL
- Kubernetes
- GitHub Actions
- Google Cloud

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 - full list at <http://ticofab.io/talks> :

Software Circus Conference 2020

Webinar with Lightbend 2019

Reactive Summit 2018, Montreal (CA)

From Zero To Deep Learning

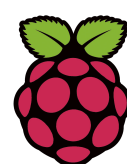
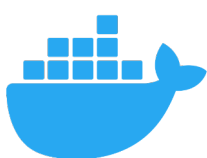
Reactive from Code to Cloud

Akka Cluster vs Kubernetes

<https://t.co/9i0slkLDVn>

<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)*



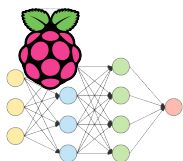
Fontem Ventures, 2019 and 2020. Migration from the old eComm backend system to a set of event-driven microservices built with .NET Core and C#. Architecture based on CQRS and Event Sourcing, powered by Helm and Kubernetes on Azure Cloud (AKS). Observability with DataDog. Taken to production in the US.

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



Ace & Tate, 2018 to 2019. Migration of the old eCommerce system (inventory, stock, orders...) to a set of Scala microservices. DDD, Event Sourcing and CQRS, Kafka as event queue and deployment on Google Cloud with Kubernetes.

- Scala + Akka
- Lagom
- Kubernetes
- Kafka



PI AI, 2019. Trained a Neural Network to detect planes and run it on a Raspberry PI. If a plane was detected, a picture was posted on Twitter at @PlanesOnBridge. This became a talk titled 'From Zero to Deep Learning'. A recent recording: <https://t.co/9i0slkLDV>

- Scala + Akka
- Deeplearning4j
- Bash scripting
- Raspberry PI



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



TomTom, 2007 to 2012. Development on embedded devices and scrum master. Most important delivered components:

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

- C++
- Java
- Perforce
- Jira

Personal & hobbies

Long distance touring on my bicycle is my favorite outdoor activity and I often combined it with a passion for video editing - I have spent way too much money on GoPro gear. I had a travel blog which then became a book - writing (tech or not) is a very rewarding hobby too. 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.

