



Fabio Tiriticco

Software Engineering & Community Organization

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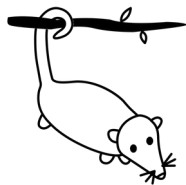
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Tech // Current Project

I am interested in challenges related to the performance, resilience and scalability of distributed systems. I particularly like event-based, streaming data systems.

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>.



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

Fully reactive backend with Scala and Akka - sharding is used to guarantee scalability. 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

DevRel // Community Work

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 am an organizer of the the Kubernetes Community Days Amsterdam conference - the 2019 edition was a sold-out, 400-attendees success.

Reactive*
Amsterdam**

**Kubernetes
Community Days**

I love writing articles/tutorials about architectures for resilient, distributed systems. I have a growing speaking record and I feel very comfortable with crowds and community events.

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

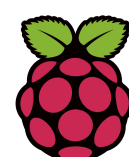
Reactive from Code to Cloud

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)*



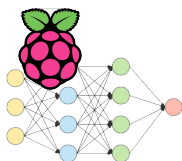
Fontem Ventures, 2019 and 2020. Migration from the old eComm backend system to a set of event-driven microservices built with .NET Core and C#. Architecture based on CQRS and Event Sourcing, powered by Helm and Kubernetes on Azure Cloud (AKS). Observability with DataDog.

- .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 the talk titled 'From Zero to Deep Learning'.

- 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 combine 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.

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.

