

# Mariano Gappa

Senior Software Engineer with 8.6 years of industry experience as of Sep 2018

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🐦 <https://twitter.com/MarianoGappa>

▶ 5-year Information Systems Engineering degree ([equivalent to Master degree](#)) @ [UTN-FRBA](#)

▶ Most knowledgeable in  Go  Scala  PHP  MySQL  Kubernetes  AWS  Kafka  Microservices

## Work Experience Highlights (out of 9 starting Jan 2006)

### Software Engineer Squad Lead @ Movio

📅 Feb 2018 - Present (7 months) 🌐 <https://movio.co/en/>

 Spark  Scala  AWS

- ▶ Leading the team that is building Movio's Datawarehouse

### Software Engineer @ Movio

📅 Sep 2013 - Jan 2018 (4.5 years) 🌐 <https://movio.co/en/>

 Go  Scala  PHP  MariaDB  AWS  
 Kubernetes  Kafka  Cassandra

- ▶ 2017: led 3-person team that implemented service that [saved \\$50k/yr in AWS cost and benchmarked 80% faster on avg](#); blogpost peaking at #2 on [Hacker News](#) & featured in [Golang Weekly #206](#)
- ▶ 2016: was key advocate and enabler for [migration from Scala to Go](#), and from monolith to microservices; blogpost peaking at #5 on [Hacker News](#), and featured in [Golang Weekly #144](#) & [Scala Times #154](#)
- ▶ 2015: formed 4-person team that implemented custom columnar database replication on top of MySQL
- ▶ 2014: formed 3-person team that migrated large legacy product with new offering without downtime
- ▶ Authored open source tools currently being used by the engineers, and many teams around the world

### Software Engineer @ OLX

📅 Jan 2013 - Sep 2013 (9 months) 🌐 <http://www.olx.in>

 Scala

- ▶ Co-wrote Scala API for all mobile versions of the OLX app
- ▶ The API went on to power OLX India, the #2 e-commerce market in the world by population
- ▶ ["OLX became the vernacular for 'selling' in India, in the form of \[...\] 'OLX it'."](#)

## Open Source Projects Highlights (out of 6)

### chart: quick & smart charting for STDIN

🌐 <https://github.com/marianogappa/chart> 📝 [Blogpost](#)

 Go  JavaScript

- ▶ CLI tool for easy ad-hoc charting of data piped from a terminal, opening a browser tab
- ▶ Reached 420 Github stars in Aug 2018; featured in [Golang Weekly #167](#) and [#222](#)
- ▶ Squads at Movio use it for reports & ad-hoc charting; teams around the world have reported use-cases

### sql: MySQL pipe




🌐 <https://github.com/marianogappa/sql> 📝 [Blogpost](#)

 Go

- ▶ CLI tool for integrating MySQL and the terminal, including concurrent querying of many databases
- ▶ Widely adopted within Movio for ad-hoc querying and used in combination with chart

### ostinato: a chess library that runs on the server & the browser

🌐 <https://github.com/marianogappa/ostinato> 📝 [Blogpost](#)

 Scala  Scala JS  JavaScript

- ▶ Feature-complete Chess library, including AI and with UI implementations
- ▶ Cross-compiled for both server and client; works as a server API and also standalone within the browser

### flowbro: real-time flowchart visualisation for Kafka distributed systems

🌐 <https://github.com/marianogappa/flowbro>

 Go  JavaScript

- ▶ Allows devs to follow an FSM through a Kafka data pipeline based on multiple queues
- ▶ Requires only a JSON-based FSM configuration and broker address
- ▶ Used within Movio to monitor and support the company's main distributed system