



# Custom software development company to work with

Need help with a project?  
[hello@softwaremill.com](mailto:hello@softwaremill.com)

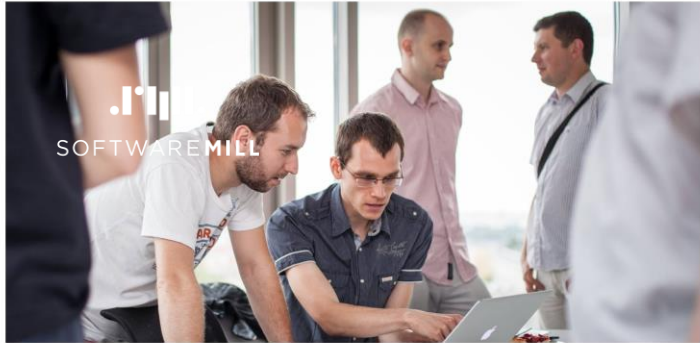




SOFTWAREMILL

We are SoftwareMill, a consulting & custom software development company, delivering services remotely, worldwide for almost 10 years. Being experts in Scala (Akka, Play, Spark), Java, Kotlin we specialize in distributed, big data systems, blockchain, machine learning, IoT, and data analytics.

We believe that a focus on quality, self-improvement and a true engineering approach can result in systems that do their job, bring value to clients, help them scale and grow.



10 years on the market



507 combined years in software development



\$2.8M in sales in 2018

We have  
the expertise  
to build your  
custom software

55

team members

31

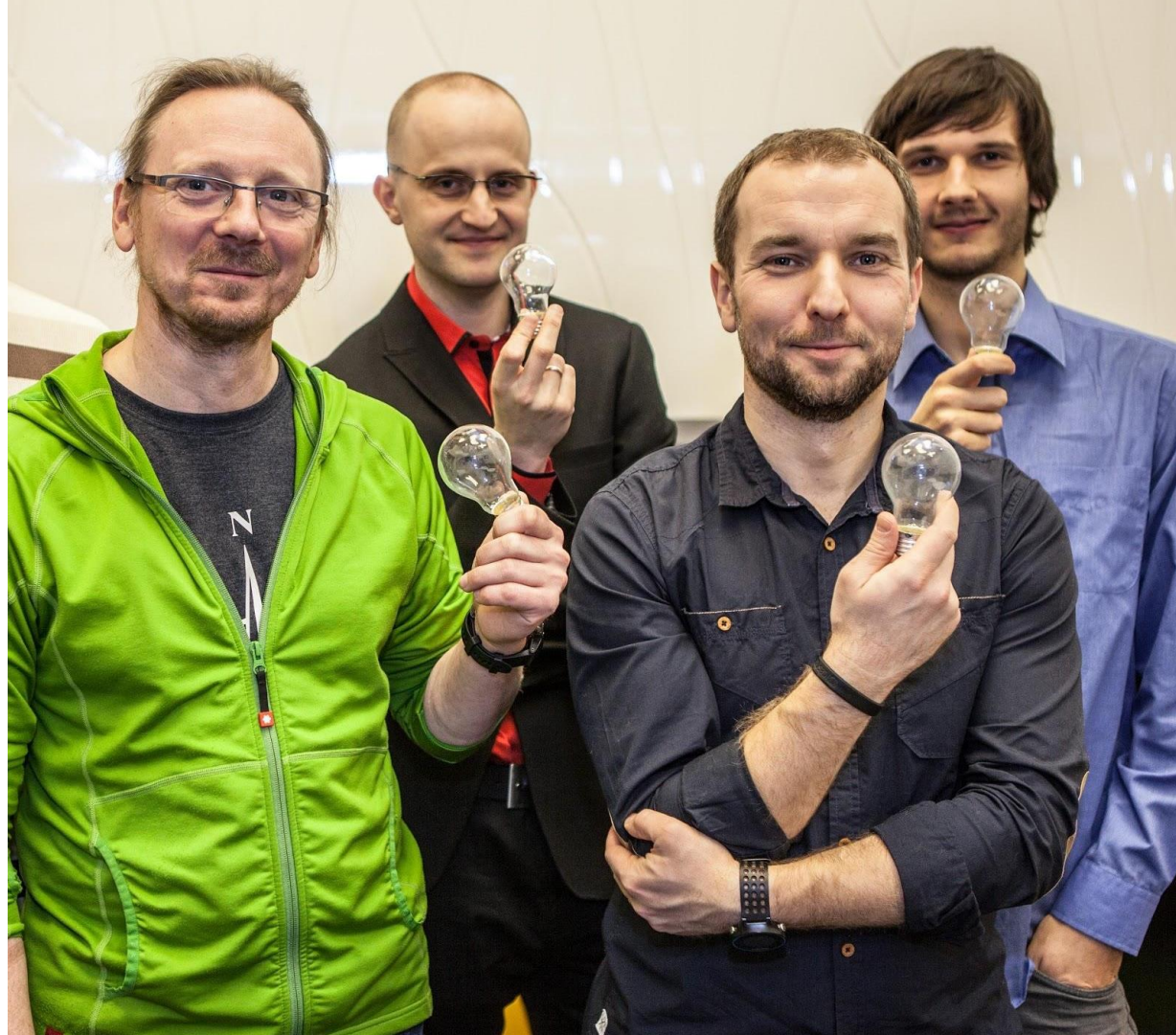
open source

10

community  
leaders

20

conferences  
organizers



## We hire only **high-skilled engineer**s

There are ~ 45 MID/SENIOR engineers in our team, mainly back-end software engineers, but also front-end engineers, devops, QA and UX.

Tech & Business experience in:

- gathering business requirements,
- designing views, developing software,
- assuring required scalability and quality,
- deploying to the most adequate infrastructure.





## Technical expertise

### Project development & consulting

- Big Data & ML
- Scala / Akka
- Blockchain
- Backend Development
- IoT
- Enterprise solutions
- Web and mobile apps
- DevOps as a Service



Technology consulting and audits



Support and rescue of projects



Closed trainings for your team

## Why mostly Scala & Akka?

Technical merits which translate into business profits

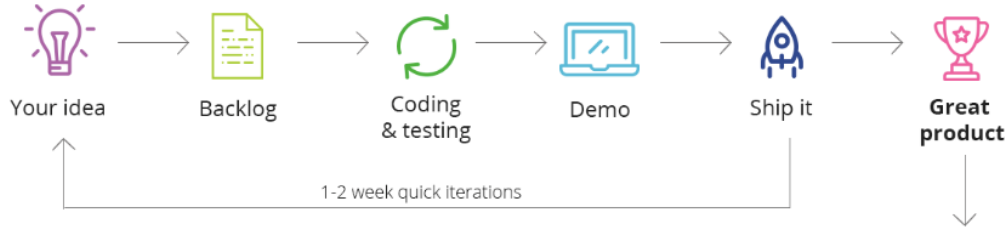
- Speed of development
- Correctness & readability of the code
- Taming concurrency



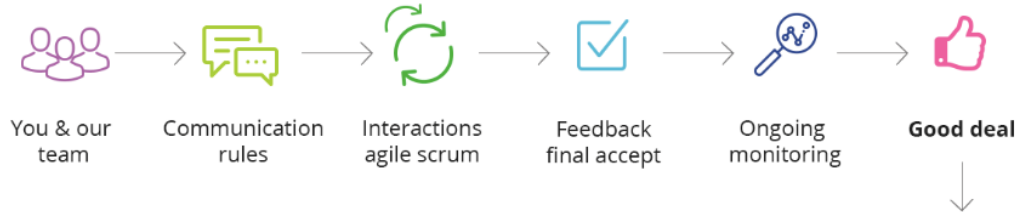


# How we work - the process

Product Cycle



Communication Cycle



NEXT AWESOME PROJECT

Scrum/Agile - 1-2 weeks iterations, clear deliverables, testing, visible progress.  
Transparency and good communication is our priority.



SOFTWAREMILL

## Software quality assurance

Every piece of system functionality is covered by automated tests. We maintain a set of high-level "acceptance" tests. Our developers review each other's code.



Git | IntelliJ IDEA | TeamCity | Jenkins | Trello  
| Jira | Confluence | GitHub | Stash | Codebrag

## How we work - standards



We use systems that perform regular **back-ups** and provide professional support.



**Security** is our top priority, while cloud ensures scalability.



We are **insured** for more than \$2 million in case of Cyber Attacks and Disasters.

NDA? Not a problem!

Partnerships:



## The projects we have **successfully delivered**



TELCO | FINANCE | BANKING | ECOMMERCE | ENERGY | LOGISTICS | MEDIA



- 4.9 rank on Clutch
- Top 5% of all companies screened by the Digital Knights



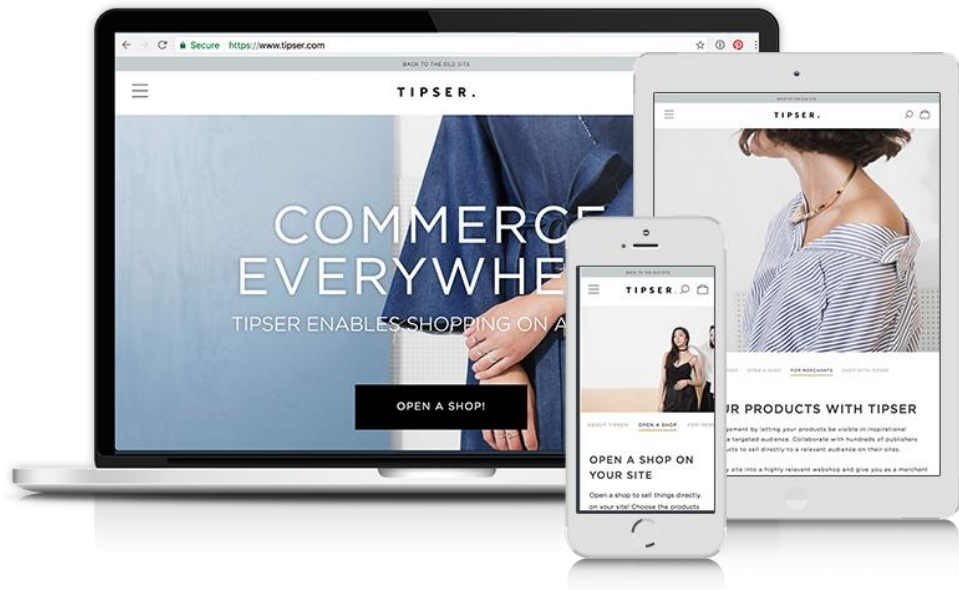
# Ecommerce scalability & automation

Challenge:

Fix performance & scalability issues, create a new consumer-facing, responsive front end.

Technologies:

- Scala & Akka
- TypeScript & React
- ElasticSearch
- Klarna
- Ansible



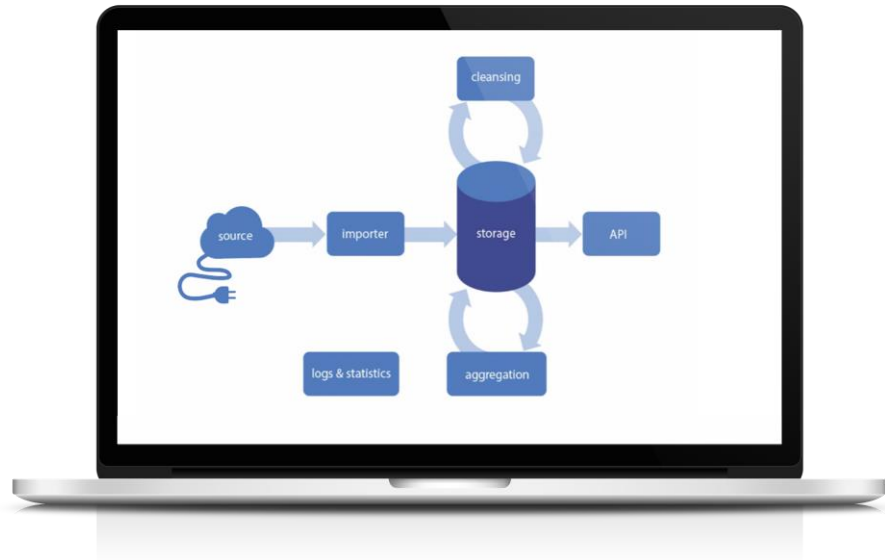
# Energy meets Big Data

## Challenge:

Build a high-performance system for collecting and processing growing volume of energy consumption data.

## Technologies:

- Scala & Akka
- Cassandra



# High-performance SMS broker

## Challenge:

Build a high-performance, reliable SMS message queue, with nightly stress/performance tests.

## Technologies:

- Scala & Java
- Akka
- Cloudhopper





# Online wallet for **cryptocurrencies**

## Challenge:

Build a safe and high-reliability backend system for virtual wallet that supports custom cryptocurrencies.

## Technologies:

- Scala
- sttp
- Blockchain / Bitcoin Nodes



More projects: [softwaremill.com/portfolio](https://softwaremill.com/portfolio)

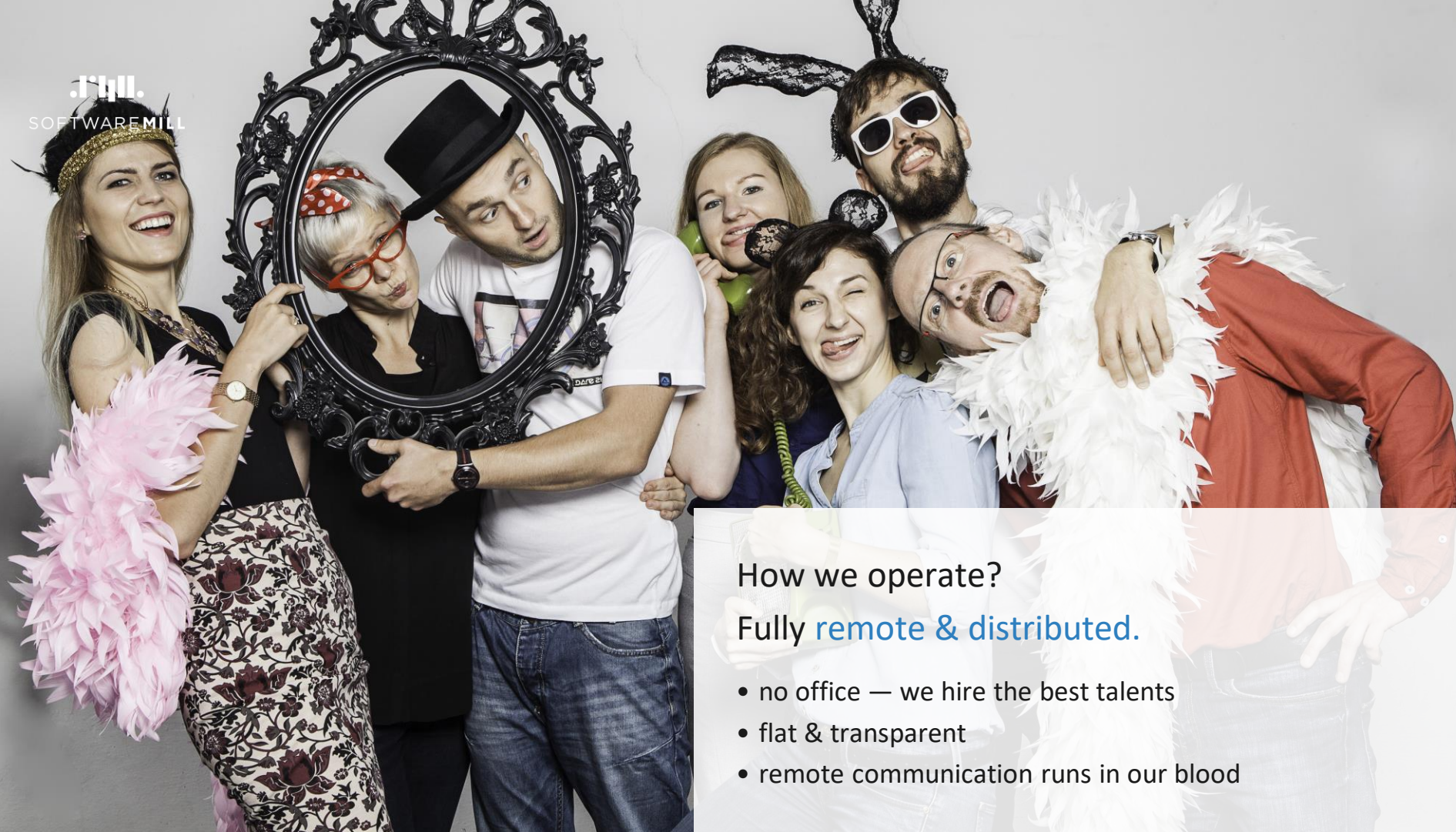
## We are very into open source

- Alpakka Kafka connector (formerly known as Akka Streams Kafka and even Reactive Kafka)
- MacWire - Lightweight and nonintrusive Scala Dependency Injection library
- sttp - the Scala HTTP client you always wanted!

Scala Days

sttp: the Scala HTTP  
client that you always  
wanted!





How we operate?

Fully **remote & distributed.**

- no office — we hire the best talents
- flat & transparent
- remote communication runs in our blood



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Got an idea? We'll make it happen.  
Let's do great things together!

[hello@softwaremill.com](mailto:hello@softwaremill.com)