

# Michał Kowalik



## personal information

27 years old Pole

## contact

(+48) 509-514-616

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## languages

Polish (native),  
English (fluent),  
German (basics)

## random

"Can-do" attitude;

DRY, SOLID, KISS;

Good intuition on why things  
are failing;

Fast learner;

Pragmatism over dogmatism;

Business oriented;

Positive attitude to change;

## key words

Team Leader, Architect, Scala, Big Data, FP, Akka, microservices, 5 years commercial experience

## contract work

2016–present

### Datarino

Wrocław

*Scala Developer / Team Leader / CTO*

Data Warehouse. Data from open polish data registries (like registry of companies). Microservice-based system with a lot of scrapers (and other data sources), etl's, data marts and api's.

#### Responsibilities:

- Managing and coordinating work of up to 8 team members.
- Building and maintaining system which contains more than 40 microservices.
- Administrating companies servers, specifying needs.
- Designing way of communications for microservices through Kafka, RabbitMQ and HTTP.
- Designing scalable, real-time ETL system.
- Successfully migrating warehouse from Hadoop to PostgreSQL speeding up whole system.
- Researching and estimating new data sources and solutions.
- Close collaboration with CEO, analysts, PM, PO.
- Close contact with clients.

#### Technologies:

- Scala, Akka, Slick, cats, Monix;
- Zookeeper, Apache Kafka, RabbitMQ;
- Big Data: Hadoop, Yarn, Hive, Spark;
- Crawling and scraping libraries;
- SQL, PostgreSQL;
- NoSql, MongoDB, OrientDB;
- Debian, VPN, shorewall;
- Grafana, Telegraf, InfluxDB, Prometheus, jmx;
- Burp, Postman;
- Nginx, Haproxy;

2018–2019

### FDtech

Wrocław

*Business Analyst IT Consultant*

CMS for managing smart (physical) building containers with built in micro computers.

#### Responsibilities:

- Meeting client's requirements.
- Introducing client to IT world.
- Preparing functional documentation for software house.
- Collaborating with client and software house during implementation period.
- Testing application.

2014–2016

### Grupa Unity

Wrocław

*Java Developer*

E-commerce application for biggest polish RTV & AGD shop with code base over 1kk LoC.

#### Responsibilities:

- Collaborated with other developers on designing, developing, testing, and implementing new features.
- Application maintenance.
- Involved in code reviews.
- Contact with clients.

#### Technologies:

- Java, Spring, Hibernate;
- Android, Google maps;
- SQL, PostgreSQL;
- Ant, Maven, Gradle;

## education

2011–2015

**Wrocław University of Science and Technology**

Bachelor of information systems engineering; 5

## interests

**Professional:** Finding websites vulnerabilities, distributed ledger, DevOps.

**Personal:** Scuba diving, board games, traveling, billiard, gym.

## clause

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation)\*.