

# Łukasz Gaża

software developer

## contact

Wybickiego 1/12  
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Poland

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## languages

polish mother tongue  
english fluency  
spanish elementary

## programming skills

Java, Scala  
Python, Bash, C, C++

## database skills

SQL  
Netezza, PostgreSQL  
MongoDB, HBase  
(basics)

## BigData skills

Spark, Kafka,  
MapReduce, Hive,  
Oozie

## certification

IBM Pure Data Systems  
for Analytics  
SPSS Statistics

## experience

### Full Time

04/2016–now

**IG**

Krakow, Poland

*BigData Developer*

Responsibilities:

- Implementation of data processing services in microservices architecture in big data ecosystem (Java, Scala, Spark, Kafka, Spring, Hadoop, Oozie)

10/2015–03/2016

**Luxoft**

Krakow, Poland

*Java Software Developer for UBS*

Responsibilities:

- Implementation of trading application (Java, Spring MVC)

04/2010–09/2015

**IBM (Krakow Software Lab)**

Krakow, Poland

*Staff Software Engineer*

Responsibilities:

- Pure Data System for Analytics (Netezza)
  - technical lead for backup and restore component (C++, SQL, Python, bash)
- Pure Data System for Hadoop
  - development of component sending data between SQL data warehouse and Hadoop (Java, MapReduce, SQL, Hive)
- IBM Tivoli Performance Analyzer
  - integration of IBM Tivoli Performance Analyzer with SPSS Statistics to add non-linear forecasting to the product (C++, Java, Python)

### Part Time

01/2016, 12/2016

**Poznan University of Technology**

Poznan, Poland

*Trainer*

Responsibilities:

- Two one day trainings on Hadoop ecosystem (Hadoop, HDFS, MapReduce, Hive, Pig)

07/2009–03/2010

**MTCE Media**

Krakow, Poland

*Software Engineer (intern)*

Responsibilities:

- Implementation of GUI of a configuration tool of Linux-based embedded system called Laneo (fltk, C, C++)
- Design and implementation of a tool responsible for remote configuration of Linux-based embedded system (C, C++, UNIX sockets)

07/2007–04/2009

**AMF**

Krakow, Poland

*Software Engineer (intern)*

Responsibilities:

- Implementation of distributed system for monitoring Windows machines, specifically the components reading data from motherboard sensors and WMI, remote BIOS update, remote disk defragmentation (C# 2.0, C++)

## education

2008–2012	<b>Bachelor of Science</b> in Computer Science Technology, Poland <i>System for monitoring position of people and vehicles</i> (Java, Android, GWT, PostgreSQL, Hibernate, XML-RPC)	Cracow University of Science and
2004-2010	<b>Master of Science</b> in Applied Physics with Computer Modelling University of Technology, Poland <i>Calculating aerodynamic characteristics of an airfoil</i> (Fortran, Finite Element Method)	Cracow
2008	<b>Participation in Erasmus Programme</b> , Computer Science Palmas de Gran Canaria, Spain	University of Las