

Michał Siatkowski

SCALA DEVELOPER · BIG DATA ENTHUSIAST

☎ (+48) 502-271-193 | ✉ siatkowskimichal@gmail.com | 📱 atais | 🌐 atais | 🌐 siatkowski

Experience

Big Data Consultant, NORDEA

Warsaw, 07.2020 — now

Developing and maintenance of reporting system serving Nordic accounts using Spark and Scala. Creating Oozie workflows with feedback available to the Internal Client. Creating tailored web applications for a specific Client needs. The solutions are hosted on a private cloud data centre based on MapR.

Key responsibilities:

- Big-data pipeline development using Scala with Apache Spark
- Web application development using Scala and React
- Using functional programming principles for solution scalability
- Managing CI/CD pipeline using Jenkins
- Preparing production environment and deployment automation using Ansible
- Automating the build with Gradle
- Scrum work environment

Used technologies: Scala, Apache Spark, Hadoop, React, Oozie, YARN, HDFS, Maven, Gradle, Jenkins, Ansible, Git.

Contract Scala Developer, CLOUD TECHNOLOGIES S.A.

Warsaw, 01.2018 — 06.2020

Development and maintenance of Real-Time Bidding (RTB) client platform. Developing the internal product, hosted on private (100+) servers. The solution is deployed in a cluster for both high availability and maximum throughput (200k req/s) with lowest response time possible (<100ms). Working closely with analysts team and media planers, creating product's improvement strategies and having a real impact on chosen solutions.

Key responsibilities:

- Back-end development using Scala
- Building scalable and efficient asynchronous solutions
- Managing CI/CD pipeline using Jenkins
- Managing production environment and deployment using Ansible
- Logs monitoring and system statistics with ELK stack
- System monitoring using Grafana & Graphite

Used technologies: Scala, Java, Cassandra, Kafka, Aerospike, Memcache, Redis, Ansible, Guice, Spring Boot, Apache Spark, Hive, sbt, maven, Jenkins, Git, Logstash, Elasticsearch, Kibana, Grafana, Graphite.

Big Data Consultant, QUINTILESIMS

Warsaw, 03.2017 — 12.2017

Developing data processing Spark solution deployed on a private cloud data centre based on Cloudera Hadoop Stack. Creating data processing pipelines for batch processing of big volume sources.

Key responsibilities:

- Back-end development using Scala with Apache Spark
- Introduced to functional Scala libraries: Cats, Shapeless, Circe, Monix, Akka
- Managing CI/CD pipeline using Jenkins
- Preparing production environment and deployment automation using Ansible
- Logs monitoring with ELK stack
- Scrum work environment

Used technologies: Scala, Apache Spark, Hadoop, YARN, HDFS, sbt, Jenkins, Ansible, Git, Logstash, Elasticsearch, Kibana.

Full Stack Engineer, DOT SYSTEMS SP. Z O.O.

Warsaw, 07.2015 — 02.2017

Working in the development and maintenance team in telecommunications industry for clients based in Middle East. Development of high-traffic capable web applications.

Key responsibilities:

- Back-end product maintenance using Java 8, Jersey, Guice and EclipseLink
- Back-end development using Scala and Play Framework
- Front-end development using Javascript, AngularJS, LESS/SASS, based on Grunt/Gulp build tool.
- Introduced to functional programming & streams
- Automatic roll-outs using Ansible
- Managing of internal Atlassian (Jira/Confluence/BitBucket) and Jenkins environments using Vagrant VMs

Back-end technologies: Java 8, Scala, Tomcat, Play Framework, Guice, EclipseLink, sbt, Maven, Jenkins, Ansible, Git, Vagrant, NGINX.

Front-end technologies: JavaScript, TypeScript, AngularJS, React, Grunt, Gulp, Webpack, CSS, LESS, SASS.

Part of eCommerce Hybris Core Development team.

Key responsibilities:

- Back-end development of hybris-based platform using Spring Framework, Hibernate/JPA
- Front-end development using JSP, JavaScript and CSS
- Agile work environment
- Part of multinational projects, with partners in: Italy, Switzerland, United Kingdom and United States of America

Back-end technologies: Java, Spring Framework, Hibernate, JPA, Hybris, Tomcat.

Front-end technologies: JavaScript, JSP, CSS.

Junior Java Developer, ACCENTURE

Lodz, 07.2012 — 09.2012

Part of an internal project that aimed to automate application process during job fairs.

Key responsibilities:

- Preparation of demo environment
- Code development
- Preparing technical documentation

Back-end technologies: Java, ESP 3, EclipseLink, GlassFish.

Front-end technologies: PrimeFaces, JSF, CSS.

Education

Master's Degree, TECHNICAL UNIVERSITY OF LODZ

2013 — 2015, *More than good*

Thesis title: *Optimization of the structure of the road networks*

Major in: Intelligent Systems and Software Engineering

Engineer's Degree, TECHNICAL UNIVERSITY OF LODZ

2009 — 2013, *More than good*

Thesis title: *Recommendation systems in web applications*

Major in: Software Engineering and Data Analysis

Courses

04.2017	Big Data Analysis with Scala and Spark	Coursera
12.2016	Machine Learning	Coursera
06.2016	Functional Program Design in Scala	Coursera
06.2016	Functional Programming Principles in Scala	Coursera
06.2016	Parallel programming	Coursera
07.2013	hybris Core Developer Certification V5.0	hybris software
02.2013	Spring Framework based application development , basics and advanced level	altKOM
05.2011	ITA-101 Databases	Microsoft

OpenSource contributions

Fixed-Length, AUTHOR

06.2017, *~1k downloads/year*

Scala library for reading files stored in fixed-length format. Developed using functional Scala libraries and TypeClasses. Code is maintained with 100% test code coverage.

Technologies: Scala, Cats, Shapeless, ScalaTest, ScalaCheck, Travis CI.

sbt-eclipseLink-static-weave, AUTHOR

09.2018, *just relased*

SBT plugin for EclipseLink Static Weaving.

Technologies: Scala, SBT, EclipseLink.

ng2-eonasdan-datetimepicker, AUTHOR

11.2016, *~10k+ downloads/year*

Wrapper directive around the bootstrap-datetimepicker component for Angular2+.

Technologies: TypeScript, Node, WebPack, Travis CI, Karma.

angular-eonasdan-datetimepicker, AUTHOR

11.2016, *~10k+ downloads/year*

Wrapper directive around the bootstrap-datetimepicker component for Angular.

Technologies: JavaScript, Gulp, Travis CI, Protractor.

Languages

Polish, native

English, full professional proficiency

CAE Certification, Grade B

Interests

Photography, Travel, New technologies, Indoor climbing, CrossFit.

I hereby declare that all the facts and information for this cover letter and CV are true. I allow my personal data stated in the abovementioned applications to be processed for the purpose of recruitment, in accordance with the Personal Data Protection Act dated 29/08/1997 (Dz. Ust. No. 133, item 883)