Michal Wrobel

Senior (Data|Backend|.*)? Developer

Contact

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About

I'm a polyglot, full-stack developer with experience leading small teams. I've been working in many projects across different tech stacks and business units. That helped me to develop a good sense of what it takes to deliver a product and lower the maintenance costs. My focus is on adding value through quick iterations and validate different hypotheses. Since 2017 I'm fully remote and working with global teams in the UK and the United States. I'm organized, dedicated and easygoing.

Profiles

Github
sparrovv

LinkedIn
wrobelmichal

Stack Overflow
sparrovv

Twitter
sparrovv_

Work

Simply Business   2018-07-31 —

Staff Data Engineer

I develop and architect various systems in Data and CRM space. I help teams to achieve tech and business objectives

Highlights

- Leads management system that uses ML lead scoring events to prioritize calls. [Scala, Kafka Streams, Docker]

- API service to expose customer's behavioural data. [Kotlin, Spring Boot, Open API]
- SMS rules service that enabled quick AB tests and sending texts. [Scala, Kafka Streams]
- Leading CDP integration project to integrate all customers related data. [Kotlin, Spring Boot, AWS, Ruby]
- Supporting and mentoring team members

Simply Business   2016-04-30 — 2018-07-31

Senior Data Engineer

Working full time as an engineer in the data team. Working with Redshift, Airflow, Spark, Kafka, Scala and Ruby.

Highlights

- Identity stitching and sessionzation services to unify analysis of unauthenticated users [Scala, Spark, AKKA-HTTP]
- Provision Kafka cluster for production use. [cloudformation, puppet]
- Architect and deliver CDC and Events pipelines on top of Kafka. Creating client libraries to integrate with kafka. [Scala, Ruby, AWS services]

Simply Business   2015-02-28 — 2016-03-31

Devops / Data Engineer

Working on the deployment platform built on top of AWS, Cloudformation and Puppet. Working closely with data team on provisioning Redshift and Snowplow framework

Highlights

- Integrating Snowplow Framework to collect data. [Scala, Ruby, Redshift, AWS EMR]
- Architecting and maintaining project for data imports and exports. [Ruby, S3, Redshift]

Simply Business   2014-01-31 — 2015-01-31

Senior Software Developer and a Team lead

Team lead and active developer. Leading a small team of developers to create a new insurance product

Highlights

- Service to generate PDF documents from HTML templates. Introducing docker containers. [Python]
- Changing core data models, introducing in-flight migration framework. [Ruby, Rails]

Simply Business   2013-01-31 — 2014-01-31

Senior Software Developer

Handling complex business cases around policy management and policy renewal. Working with Ruby, Rails, Rspec and Cucumber

Lunar Logic Polska   2010-12-31 — 2012-12-31

Software Developer

Ruby, Rails, CoffeeScript Developer.

Highlights

- Developing new features and maintaining https://kanbanery.com/

iLoop Mobile

Software Developer

2009-10-31 — 2010-11-30

PHP Developer / Ruby on Rails developer

Highlights

- I worked on a mobile tracking analytics platform that used piwik analytics suite

FINBET Invest Ltd.

2009-03-31 — 2009-09-30

PHP Developer

Designing and creating web applications in Zend Framework, jQuery and PostgreSql

PrimaStudio, Studio Gobi, AdWeb

2008-01-31 — 2009-03-31

PHP Developer

During my studies I was working as a PHP developer in a few small web interactive agencies. At the time I was using: Zend Framework, CodeIgniter, MySql, jQuery. I used e-commerce Magento Platform to create dedicated e-stores.

Volunteer

codebar.io

2014-02-01 — 2014-06-01

Coach

https://codebar.io/

I helped members of codebar.io to learn programming

Education

Cracow University of Economics

2004-12-31 — 2009-12-31

🎓 **Informatics and Econometrics**
  Master's degree

Self education and courses online

2010-12-31 —

🎓 **Engineering**

Courses

- Confluent Certified Developer for Apache Kafka
- Lightbend Reactive Architecture - Professional
- Functional programming in Scala
- ...

Publications

Not complex event-driven applications with kafka streams

2021-02-20

Published by

View publication

Talk I gave about on bigdata conference in Warsaw (https://bigdatatechwarsaw.eu/)

Kafka streams and Scala - demo application presentation
Published by

Talk I gave about kafka streams on scala meetup in London

Skills

Stream Processing

- Kafka
- Scala
- Kafka streams
- Schema registry
- Spark streaming

Data engineering

- SQL
- Scala
- Airflow
- Spark
- Redshift
- Snowflake
- Kafka
- DBT

Software development practices

- DDD
- Best practices
- OOP
- Functional Programming
- TDD
- BDD

Web development

- Ruby
- Ruby on Rails
- Sinatra
- JavaScript
- AngualrJS

Continuous Integration and Deployment

- Docker
- Jenkins
- bash
- Git
- Linux

- Github actions
- Datadog

Leading a team

- Kanban
- Pair programming
- Prioritization
- Refinements
- Presentations

Scala

- SBT
- Scala
- Akka actors
- Akka HTTP

Kotlin

- Gradle
- Spring boot

Languages

Polish
Native Speaker

English
Fluent

Interests

Sport

- basketball
- gym
- pilates
- cycling
- squash

Games

- chess
- strategy

Programming

- coding fun things

References

Michał is an experienced programmer, who not only has a great knowledge but also a desire to constantly expand it. He handles well both in implementing the tasks as well as in analyzing problems and finding effective solutions. Michał is a valuable (and very agile/flexible) team member. He can inspire people and share positive energy. Michał, thank you for cooperation at iLoop Mobile:) I hope that in future we will have an opportunity to work together! Tips & Tricks (for the future): Michael has a potential to act as team leader in the team.

— **Monika Konieczny**