

Przemysław Chmielewski

SENIOR BACKEND SOFTWARE ENGINEER

83-330 Pępowo, Pomeranian District, Poland

☎ (+48) 516-504-643 | ✉ przemyslaw.chmielewski.gda@gmail.com | 📱 pchmiele | 🌐 pchmiele

Summary

I love to discover and learn new technologies. I'm always looking for the most effective way to solve a problem. I believe that there are no silver bullets and there is no technology which can solve them all. We should choose right tools for the job. I always try to help others to choose them wisely. I specialize in functional programming, mainly in Scala.

In spare time I am working on improving my public speaking skills.

Skills

Architecture	REST API, Event Sourcing, Kafka, Elasticsearch, RockDB, GraphDB
Concepts	Functional Programming, Reactive Streams, Actor Model
Programming	Scala, Monix, Cats Core, Cats Effect, Akka Streams, Akka Http, Akka, Javascript ES5/ES6, ELM, Elixir
Devops	Sbt, Docker, Docker Compose, Kubernetes, Openshift
Languages	Polish, English

Work Experience

Senior Backend Software Engineer

Gdynia, Poland

MEWE

December 2019 - now

Working as a backend software engineer for a large scale (7000000+ unique users) next-gen social media network (MeWe).

Technology stack: Scala, MongoDB, Cassandra, Solr, Kafka, Akka, Akka Cluster, Akka gRPC

- Migrating large parts of existing application into microservices
- Optimizing building process (mostly compilation time)
- Bug fixing

Senior IT Expert/Tech Lead

Gdynia, Poland

NORDEA

January 2018 - November 2019

As Scala Developer in the Data Engineering Team responsible for the creation of Enterprise Data Lake.

Working on the project called Metadata Hub. The main goal was to gather metadata describing data available in the Data Lake from multiple sources.

- Preparing architecture for the project (microservices stack containing Streaming Apps, Rest services, GraphDB, Elasticsearch, RockDB everything deployed on OpenShift/Kubernetes)
- Developing web (microservices, REST API) and streaming applications (Kafka, Streams)
- Setting up Docker Builds and Kubernetes/OpenShift deployments
- Heavily involved in the interview process with new candidates
- Setting up the direction in which the team should follow
- Introducing newcomers into the project
- Discussion with architects about the requirements and vision

Senior Scala Developer/Team Leader(remote as Scalac)

Gdańsk, Poland

QVANTTEL

February 2017 - December 2017

- Key member of the team responsible for the creation of microservices for the corporate scale customer from the Telecom industry
- The team leader of a team responsible for the creation of microservice aggregating results from other microservices written in GraphQL
- Created a streaming service offering High-Availability and very high performance (thousands of messages per second)

Senior Scala Developer/Team Leader

Gdańsk, Poland

SCALAC

September 2016 - December 2017

- Involved in many different project for Scalac clients
- Working remotely for clients from Europe, South America, North America
- Involved in all stages of software development (gathering requirements, preparing architecture proposal, implementation, testing, deployment, support)

Scala Developer

Gdańsk, Poland

HUNTLY

September 2016 - October 2016

- Developing a backend for multi-module event gamification app that provides a wide set of functionalities.

Software Engineer/Team Leader

INTEL TECHNOLOGY POLAND

Gdańsk, Poland

April 2014 - July 2016

- Involved in recruitment process
- My 3 weeks business trip to USA (Hillsboro, Oregon) resulted in easiest product release since the start of project and improved our relations with other teams
- I designed and developed simulators of 6 different services, which is now used daily by 50 other developers during code development, test automation and validation

Software Engineer Intern

INTEL TECHNOLOGY POLAND

Gdańsk, Poland

March 2012 - March 2014

- Created tool for automatically dumping shaders from the newest games
- Participated in an internal hackathon - our team created a tool for visualizing shader compiler registry state
- Additional tools created for generating shader statistics

Honors & Awards

2015 **Outstanding Results**, Intel Annual Performance Review

Gdańsk, Poland

2015 **Exceeds Expectations**, Intel Annual Performance Review

Gdańsk, Poland

Presentation

How functional programming will make you a better programmer

Gdańsk University of Technology

JOB FAIRS

May 2019

- The speech I gave during the 2019 Job Fairs organized by the Gdańsk University of Technology. I focused on the practical aspect of learning and using functional programming languages. The main goal of this speech was to encourage newcomers (and maybe some experienced developers) to start using functional programming languages.

Elm - functional programming for the web

Gdańsk, 2016

FUNCTIONAL TRICITY MEETUP

April 2017

- Are you a functional programmer looking for language to use which is not a javascript? You don't like fronted programming but sometimes you just have to? Elm is language for you. During the talk I will show you why you should give a try for ELM in your next project.
- Presentation is available to watch here

Education

Gdańsk University of Technology

Gdańsk, Poland

BACHELOR OF SCIENCE INFORMATION TECHNOLOGY

2009 - 2014

Completed Trainings/Courses

Lightbend Certified Professional - Scala

Lightbend Inc.

LIGHTBEND

Jun 2017 - Jun 2018

Functional Programming Design in Scala

EPFL

COURSERA

Functional Programming Principles in Scala

EPFL

COURSERA

Big Data Analysis with Scala and Spark

EPFL

COURSERA