

Krzysztof Palka

palkakrzysiek@gmail.com • kpalka.com • +48 669 323 331

Experience

Adform (10.2020 — present)

Developing and maintaining ad-tech services

- Development and maintaining Spark (both batch and streaming) and Storm applications in Scala
- Responsible for 50+ services during 24/7 on-call rotations
- Tech stack used: Spark, Storm, Kafka, K8s, and Aerospike

Idemia (08.2017 — 09.2020)

Developing an eSIM management application suite.

- Akka HTTP/Scala with cats library + Cassandra for the core module
- Birt engine + MariaDB for the reporting module
- Spring Boot/Java with Vavr library + Angular/TypeScript for GUI
- Docker compose for local development, occasionally Kubernetes for troubleshooting

Bluesoft (01.2017 — 07.2017)

Developing a monitoring application for an electric power company.

- Spark Streaming/Scala + Kafka + Cassandra for data processing and storage
- Spring Boot/Java + Angular/TypeScript + lodash + Chart.js for visualisations
- Docker

Accenture (01.2016 — 12.2016)

Developing eCommerce platforms for telcoms.

- JavaEE with ATG platform
- Spring with Hybris platform
- AngularJS/JavaScript

Transition Technologies (07.2014 — 09.2014)

(Internship)

Developing a web application based on the Play! Framework with Java and Groovy.

Education

Politechnika Łódzka (2012 — 2017)

B.Eng., *Information Technology*

Thesis topic: *Building, deploying, and running distributed applications with Docker*

Fachhochschule Brandenburg (2015)

(Exchange) *Applied Computer Science*

Courses and certificates

- (2020) [Blockchain by University at Buffalo & The State University of New York on Coursera. \(4-course Specialization\)](#). Covers Bitcoin, Ethereum, Smart contracts and DApps development, IPFS and Hyperledger overview.
- (2020) [Functional Programming in Haskell by The University of Glasgow on FutureLearn](#)
- (2019) [Microsoft/DEVOPS200.9x: Architecting Distributed Cloud Applications](#). Covers 12-factor services, API versioning, messaging techniques, data schema versioning, eventual consistency patterns (CQRS, Event sourcing, Saga), and disaster recovery strategies.
- (2019) [scala-reactiveX: Programming Reactive Systems](#). Covers programming fault tolerant applications with Akka actors (typed and untyped), Akka Stream, and leveraging back-pressured flows of data.
- (2018) [DataStax Certified Professional on Apache Cassandra](#)
- (2017) [Functional Programming in Scala by École Polytechnique Fédérale de Lausanne on Coursera \(5-course Specialization\)](#). Covers functional program design, parallel programming, and big data analysis with Spark.
- (2017) [Oracle MOOC: Java Virtual Machine Troubleshooting](#)
- (2016) [Oracle Certified Associate, Java SE 8 Programmer](#)

Languages

- Polish (Native)
- English ([Cambridge C2 Proficiency certified](#))

I consent to store and process information provided in this document for recruitment or B2B cooperation processes.
