Contact

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(LinkedIn)

Top Skills

Algorithms

OOP

FP

Languages

Английский (Professional Working)

Русский (Native or Bilingual)

Certifications

Foundations of Computer Graphics

Functional Program Design in Scala

The Science of Everyday Thinking

Машинное обучение

Apache Kafka Series - Learn Apache
Kafka for Beginners v2

Albert Bikeev

Data engineer – New Work SE

Hamburg

Summary

I am a developer, with diverse experience in Backend (Scala,
Python, Java, C++, C#) and growing expertise in Data engineering.

Experience

New Work SE
Data engineer
April 2020 - Present (2 years 2 months)
Гамбург, Германия

As part of our Data-platform team I:

- set up a Data cataloging solution with lots of custom integrations with various
data sources

- experiment with different data pipeline approaches to make it more efficient
and business-oriented

- share experience in functional programming and Scala

- took internal courses on product-owning, communication, AWS

Buzzwords: Data-engineering, Scala, Functional-programming, Apache Kafka,
Elasticsearch, Apache Atlas, Kubernetes, Python

Dreamlines GmbH
Software Engineer
September 2019 - March 2020 (7 months)
Hamburg Area, Germany

Worked in the team gathering and connecting data for the whole company and
more. Wich includes:

- Building streaming ETL pipelines
- Developing transactional, fault-tolerant internal billing system
- Learn how to gradually eliminate legacy and tech debt
- Giving presentations to the team about Functional programming, concurrency
and more.

The company had serious troubles because of the Coronavirus disaster around the world and almost everyone on probation period was laid off including me. I pretty much enjoyed the job and I believe that my team also liked working with me (recommendation letter will be attached soon).

Risk.Ident GmbH
Scala developer
January 2019 - August 2019 (8 months)
Hamburg Area, Germany

Maintenance of distributed legacy system for fraud prevention:

- Searching and fixing of bugs
- Analyzing and fixing performance bottlenecks

Development of some parts of the new fraud-prevention system:

- Creating data-ingestion parts based on the legacy system implementation
- Designing specifications for persistence component
- Improving technical recruitment processes

Buzzwords: Scala, Kafka, MongoDB, Elasticsearch

Clover Group
Back-end Developer
August 2017 - January 2019 (1 year 6 months)
Казань

Development of a back-end for a platform of intelligent analytics and predictive analysis is a tool developed for industrial companies - Clover.global.

In a small team of Scala developers, we built a Complex Event Processing engine for time-series data with DSL based interface for data-analysts and non-IT people who now can get a lot of insights about the data. Also, other teams in the company implemented analytical front-end on top of the engine (for visual monitoring and alerting).

Warefly
Data scientist
December 2016 - September 2017 (10 months)
Казань

Developed and proud of the system of recommendations and the generation of playlists in the field of music almost alone. Solved a variety of tasks - from choosing the direction of development and ending with testing, for example:

- Recommendations engine on matrix factorizations and stacking algorithms.
- Playlists generation system (Full-text search, Items similarities, clusterization)
- A/B testing framework

I left because the budget for the DS department was quite small and I was working alone. Also, I decided to go for an engineering position to get some system development experience as the opposite of (mostly) building prototypes in Data

Intel Corporation
IT Summer Intern
July 2016 - September 2016 (3 months)
Russian Federation

Worked on optimization of association rules mining algorithm in Intel® DAAL library team. I was engaged in:

- Research of possible optimization techniques
- Improvements of a present version
- Implement new data structures
- Parallelization of the algorithm

In addition, we got a lot of nice classes from the leading Intel experts: soft skills and teamwork, project management, high-performance computing and machine learning.

I did not stay there to work, because at that time only the internships were open (different from the summer internship), for work on which I had to be a full-time student, who I was not already.

Eidos Robotics
Software Developer
September 2015 - July 2016 (11 months)
Russian Federation

Robotics simulator (C#, Unity3D, C++). Worked on:
- Designing of the application and API
- Networking programming - a large amount of data is passing through the network by using an XML protocols
- Simulation of forward and backward kinematics Integration in machine vision system
- Wrote automation scripts on PowerShell for continuous integration on Jenkins
Left for Intel Internship. :)

Education

Казанский Государственный Университет

Бакалавр, Информационные технологии · (2012 - 2016)