Yauheni Baltukha

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SUMMARY

With over a decade of experience as a software engineer, I have successfully contributed to both small and large-scale companies. As a versatile engineer, my true passion lies in constructing robust and scalable systems, specializing in the development of backend services and data pipelines. My enthusiasm for problem-solving and the inherent joy I find in overcoming intricate engineering challenges fuel my drive to build innovative solutions.

EXPERIENCE

Senior SWE   Jun 2021 – Present
Spotify   *Stockholm*
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Senior SWE   Nov 2019 – Mar 2021
Lyft   *Minsk*
  - Implemented multi-versioning Protobuf schema support for Apache Flink consumer applications.
  - Designed and developed a CLI tool to manage data pipelines.
  - Designed a service to materialize collected on S3 data into Presto tables.
  - Helm charts for Presto as well as for the Hive Metastore components.

Senior SWE   Jul 2019 – Nov 2019
Juno   *Minsk*
  - Designed and developed Flink's source/sink components to backup Apache Kafka data on a remote file system.
  - Developed Flink's Kudu sink to support writing data into Kudu.
  - Apache Airflow pipelines to periodically backup Kudu databases.
  - Kudu Flink Catalog to make data accessible from the Flink's Table API.

Senior SWE   Nov 2015 – May 2019
EPAM Systems   *Minsk*
  - Designing and developing batch/streaming Spark applications in Scala to process lithography data.
  - Creating Kibana dashboards to help processing engineers improve manufacturing cycle.
  - Working closely with data analyst/process engineers to gather and analyze requirements.
  - Mentoring and developing junior and mid-level software engineers.

PROJECTS

Data collection platform for events analytics | *Scala, Flink, K8s, AWS, Presto*   May 2020 – Mar 2021
  - Designed and developed a Flink service to consume and store analytics events.
  - Explored a ways to make data materialization into Presto tables along with managing schemas of Presto tables.

Data Analytics Platform | *Scala, Spark, Kafka, ELK, AWS*   Sep 2018 – Mar 2019
  - Created a set of Kibana dashboards to visualize lithography logs.
  - Develop Spark batch/streaming application to process lithography logs and load them to ElasticSearch.

Hotel loyalty system | *Java, Oracle, Spring Framework, GWT*   Nov 2015 – Sep 2017
  - Designed and developed a service to process and manage promo codes.
  - Integrated GWT UI application with server-side to manage promo codes.
  - Developed load-tests using Gatling.

TECHNICAL SKILLS

Languages: Java, Scala
Technologies: Apache Spark, Apache Kafka, AWS, Apache Flink, Docker, K8s

EDUCATION

Belarusian State University of Informatics and Radioelectronics   Minsk, BY
Bachelor   *Sep. 2013 – Jun 2017*