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*

- Spearheaded the design and implementation of critical fraud prevention and mitigation system components using Java and Scala languages.
- Conducted comprehensive and high-quality code reviews, fostering collaboration and knowledge-sharing among team members, resulting in enhanced code quality and faster project delivery.
- Assumed a leadership role in conducting technical interviews, assessing candidates' skills and expertise, and contributing to the growth and success of the engineering team.
- Proactively served as an on-call engineer, diligently maintaining system uptime and effectively mitigating incidents to ensure seamless operations.

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 efficiently manage data pipelines.
- Designed a service to materialize collected data into Presto tables.
- Orchestrated the deployment of Helm charts for Presto and Hive Metastore components.

Senior SWE   Jul 2019 – Nov 2019
Juno   *Minsk*

- Designed and developed Flink's source/sink components for backing up Kafka data to a remote file system.
- Developed Flink's Kudu sink to provide integration with Kudu for efficient data writing.
- Utilized Apache Airflow pipelines to schedule periodic backups of Kudu databases.
- Implemented the Kudu Flink Catalog to facilitate data accessibility through Flink's Table API.

Senior SWE   Nov 2015 – May 2019
EPAM Systems   *Minsk*

- Designed and developed Scala-based batch/streaming Spark applications to process lithography data.
- Created Kibana dashboards for processing engineers to enhance manufacturing cycles.
- Collaborated closely with data analysts and process engineers to gather and analyze requirements.
- Mentored and guided 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 system to consume and store analytics events.
- Explored different approaches for materializing data into Presto tables and managing Presto table schemas.

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

Hotel loyalty system | *Java, Oracle, Spring Framework, GWT*   Nov 2015 – Sep 2017
- Designed and developed a service for processing and managing promo codes.
- Integrated GWT UI application with the server-side for efficient promo code management.
- Developed load tests using Gatling for performance testing.

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*