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**Candidate 0345435**

Skills

**Technologies**

* **Standard:** JDBC, Jakarta EE, Git, Jakarta Servlet
* **Data:** MySQL, Snowflake, Apache Kafka, Apache Airflow, PostgreSQL, Oracle RDBMS, PySpark, Amazon DynamoDB
* **Framework:** Pandas, Mockito, Spring-WS, Apache Log4j 2, Spring WebFlux, ehCache, Spring Security, Hibernate, JAXB, JUnit 4, Spring Core, Apache Maven, Spring Data, JUnit, Apache Spark, Apache Hadoop, JPA, Spring MVC, Spring Boot, Gradle
* **IDE:** Jupyter Notebook
* **Other:** Cloud Platforms, Kubeflow, AWS Cloud Development Kit
* **Library:** JSTL
* **Web/Application Server:** Apache Tomcat
* **Computer Language:** Java 11, Scala 2, Java 14, Java, SQL, Kotlin, T-SQL, Python, Java Programming Languages
* **Solution:** Amazon EMR, Gitlab, Apache Ant, JBoss EAP, AWS Glue, Amazon S3, AWS Lambda, Visual Studio Code, Thymeleaf, Apache Tiles, Jenkins, Apache Struts, BitBucket, GitHub, Apache Velocity, Jira, Flyway, Sonar
* **Operating System:** Linux
* **Platform:** Amazon Web Services, EJB, Docker, Kubernetes

Work experience

**Oct-2022 - Till now (Oct-2023)** - Senior Software Engineer,

**Team Size:** 4 Data Engineers, 1 SA, 1 DM, 1 DevOps

**Project Roles:** Developer

**Responsibilities:**

* Creating data pipeline using Spark Structured Streaming (Scala)
* Implementation and support Datacollector module
* Optimizing current pipelines
* Bugfixing

**Tools and Technologies:** Grafana, Apache Spark (Scala), MinIO, K8s, Akka, Akka Streams, Apache Kafka, GEL (Grafana, Elasticsearch, Logstash), Prometheus

**Dec-2021 - Sep-2022** - Senior Software Engineer,

**Project Description:** Enterprise Data & Analytics - Data, DevOps and Python team

**Team Size:** - Product owner

- Scrum master

- Two developers

- Five data scientists

- Three Data Engineers

**Project Roles:** Data Engineer

**Responsibilities:**

* Supporting and an imlementation of new functionality for existing Data/ML pipeline using Apache Spark, Pandas, Airflow, Hyperflow, Snowflake, Python
* Improvment of exising Data/ML pipeline using software engineering excellence guide
* Design and implementation a new data pipeline for EMEA region
* Bugfixing, writing tests
* Improving code review process/code quality
* Architecture discussions with principal engineer
* Communication with the customer
* supporting data scientists in releasing ML models into PROD

**Tools and Technologies:** Jira, Github Enterprise, Miro, Jupyter notebook, PyCharm, Apache Spark, Pandas, AWS S3/EMR, Nike Data Platform, Snowflake, Python, HyperFlow, Apache AirFlow

**Dec-2020 - Sep-2021** - Senior Software Engineer

**Project Description:** Digital Retail

**Team Size:** Two team leads

four developers

four data scientists

business analyst

solution architect

product owner

scrum master

**Project Roles:** Key Data Engineer

**Responsibilities:**

* Implementation of new services using Lambda functions, ApiGateway, AWS Python CDK and etc
* Implementation of logic for collecting statistics on new datasets using AWS Glue and Pyspark
* Updating existing ETL pipeline to process new data
* Automating the process for creating/updating/deleting/copying alerts and dashboards
* Working on PoC
* Module architecture designing
* Improving code review process
* Improving code quality
* Architecture discussions
* Communication with the customer

**Tools and Technologies:** DynamoDB, Athena, Rally, NewRelic, Github Enterprise, Sonar, Miro, Python 3, AWS: S3, DynamoDB, Athena, Lambda, Glue jobs (PySpark), SNS, API Gateway, KMS, CodeBuild/CodeDeploy, Cloudformation, Secrets Manager, Route 53, CloudWatch

**May-2020 - Sep-2020** - Software Engineering

**Project Description:** VTBB-ULPM, the goal of the project is to create a single platform for loyalty programs of the VTB Bank and Pochta Bank with the next transformation of the solution into a White Lable product. The current solution is located in the multibonus.ru domain and combines programs Cash-back, Miles and Bonuses

The implemenation uses a microservice approach, appropriate set of design patterns and a modern technology stack: PostgreSQL, Apache Kafka, Debezium, Zebee, Apache Airflow, Apache NiFi, Elasticsearch and others

The main language for implementation is Java, and Yandex.Cloud is a platform for deployment

The project integrates with such external services as Uniteller and Payture, FIAS и DaData services, list of external partners and online stores such as Kinohod, Biletix, Red Kassa and others

**Team Size:** Dev team: 3 members

**Project Roles:** Developer

**Responsibilities:**

* Implementation new features and supporting the VTB multibonus project that provides different bonuses for clients using Apache Kafka, Spring Framework, Java 11 and other technologies
* Worked on an implementation for microservices such as Chat service, Fias service, Order service, ClientProfile service and etc
* Worked on PoC for uploading a large of data to db using Spring Jdbc and Postgresql
* Writing technical documentation

**Tools and Technologies:** Postgresql, InelliJ IDEA, Git, Notepad++, Postman, SonarQube, Kibana, Grafana, Java 11, Maven, JUnit, Mockito, Spring Framework(Core, Data, Cllud, Rest, Cache), Spring Boot, Apache Kafka, Zebee, Docker, Flyway