

Denis Sokol

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Enterprise Data Lake

Data Lake, ETL and reporting for a top 5 EU bank

Tasks: Software & data engineering, Team supervision, Mentoring, Post production support

Stack: Scala, Python, Spark, Hadoop, Hive, Parquet/ORC, ELK, PowerBI, Cloudera, Azure, HDInsight, Docker, Bash

Forecast Manager

Sales forecast on terabytes of data for US retail chain

Tasks: Data Analysis, Machine Learning, Business reporting

Stack: Python, Pandas, Scipy, Tableau, Bash, LogicBlox, AWS (S3 / EC2 / SES), Mercurial

Engineering Assistant

Smart VUI over an engineering software GUI

Tasks: R&D, Mentoring, Demos

Stack: Python, AutoML, Tensorforce, jMetalPy, MOBOpt, GPT-2, Robot Framework, Airflow, Celery, Linux, Docker, GCP

Kinetix Trading Solutions

Financial derivative instruments trading platform

Tasks: Software Engineering

Stack: Java, Spring jdbc/jms/integration, gradle, C#, SQL Server, EhCache, Active MQ

More: Demand-side platform for online advertising; Real-time algo-trading strategy automatic assignment; Voice entertainment assistant; Hadoop based ETL for US tax calculation agency; Medical surgery stuff ordering platform

Education	Artificial Intelligence in Belarusian State University of Informatics and Radioelectronics
Languages	English, Russian

Java	Jdbc, Jms, Jpa, Spring, QueryDSL, Lombok, Guava, JUnit, Maven, Ant	OS	Windows, Linux	Big Data	Spark, Hadoop, Hive, Hue, Sqoop, Parquet, ORC
Scala	Play, Specs2, Sbt	Azure	HDInsights, Cognitive, BotService, CosmosDB, Functions, Blob storage	BI	Tableau, PowerBI
Python	Pip, Virtualenv, Numpy, Pandas, Scipy, Scikit-learn, Flask, Luigi, Airflow, Celery	AWS	Lambda, CloudWatch, S3, EC2, Alexa	ML	Regressions, Decision trees, Neural Networks, AutoML, NLP
Docs	Markdown, AsciiDoctor	GCP	Dialogflow, ML Engine, Compute Engine, Firebase	SQL	PostgreSQL/PostGIS, DB2, Oracle, Flyway
More	Bash, Kotlin, Js, C#	Virtual	Docker, Compose	NOSQL	MongoDb, Redis
				MQ	ActiveMQ, Kafka