

# Denis Sokol

Software Engineer | 10+ years of experience | +375 (25) 758 48 34 | [denis.sokol.engineering@gmail.com](mailto:denis.sokol.engineering@gmail.com)

<b>Enterprise Data Lake</b> <i>ETL and reporting for a top 5 EU bank</i> <b>Tasks:</b> Software & data engineering, Team supervision, Mentor <b>Stack:</b> Scala, Python, Spark, Hadoop, Hive, ELK, PowerBI, Cloudera, Azure, HDInsight, Docker, Bash	<b>Forecast Manager</b> <i>Sales forecast on terabytes of data for US retail chain</i> <b>Tasks:</b> Data Analysis, Machine Learning, Business reporting <b>Stack:</b> Python, Pandas, Scipy, Tableau, Bash, LogicBlox, AWS (S3 / EC2 / SES), Mercurial
<b>Engineering Assistant</b> <i>Smart VUI over an engineering software GUI</i> <b>Tasks:</b> R&D, Mentoring, Demos <b>Stack:</b> Python, AutoML, Tensorforce, jMetalPy, MOBOpt, GPT-2, Robot Framework, Airflow, Celery, Linux, Docker, GCP	<b>Kinetix Trading Solutions</b> <i>Financial derivative instruments trading platform</i> <b>Tasks:</b> Software Engineering <b>Stack:</b> 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

<b>Education</b>	Artificial Intelligence in Belarusian State University of Informatics and Radioelectronics
<b>Languages</b>	English, Russian

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