Denis Shelemekh

dshelem.com
St. Petersburg, Russia

Experienced, well-rounded Big Data Engineer with database and web-development background, passionate about building robust ELT-pipelines and producing quality code.

WORK EXPERIENCE

InnoTech, Senior, Lead Data Engineer   Dec 2021 – Present
St. Petersburg, Russia
- Successfully built infrastructure for and launched new subsystem (Python, Hadoop, Airflow) on corporate Datalake handling Petabytes of data.
- Optimized performance of numerous transformers (Java, Scala, SQL), reducing their working time by 75%.
- Introduced enhancements for importer and orchestrator service critical components (Java), improving workflow stability by 14%.
- Improved quality and quantity of DQC messages (custom Data Quality check tool built with Java & Postgres).

Grid Dynamics, Big Data Engineer   2021–2021
St. Petersburg, Russia
- Introduced crucial part of technology stack (Debezium) which led to saving weeks in developers' salaries.
- Setup from scratch on AWS Oracle DB server, which brought down Oracle DB owning costs by 90% over the 6-months length project.

Capital Invest, Software Engineer/Project Lead   2020–2021
St. Petersburg, Russia
- Designed and built web-based application that automated creation of loan agreements / labor contracts and led to savings of 60+ lawyers labour days annually and increased by 40% documents accuracy and uniformity.

FFDiary.ru, CTO/Founder   2014–2016
St. Petersburg, Russia
- Attracted 1000+ users in 4 months since launch.
- Designed and developed a secure and scalable custom backend framework (DB queries parametrizing, user input escaping, autoloading classes, users' authentication, etc.) resulting in faster by 50% development time.

Severstal Resource, Senior Economist/Project Lead   1999–2003
Vorkuta, Russia
- Revolutionized the way 5 departments (25+ users) worked with supply chain management reporting by designing and developing distributed client-server application, resulting in reduced by 90% reporting time, increased by 80% accuracy and improved information security/stability.

EDUCATION

MBA   2012–2014
London Business School
BsC Economics   1994–1999
St. Petersburg State Mining University

TECHNICAL SKILLS

Languages:	SQL, Python, Java, Scala, C++
Technologies:	Hive, Spark, Hadoop, Airflow, Postgres, MySQL, AWS, Git, Kafka, Docker
Other:	Data structures and algorithms

INTERESTS   Fitness, Sci-Fi novels, Computers.