

Denis Shelemekh

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Experienced, well-rounded Lead Data Engineer with database, web-development and system programming backgrounds, passionate about building robust ETL-pipelines and producing quality code. Interested in remote positions at global Web3/FinTech/Product companies.

WORK EXPERIENCE

InnoTech, Senior, Lead Data Engineer **Dec 2021 – Present**
St. Petersburg, Russia

- Introduced departmental coding standards and code review practice, raising code quality by 15% and reducing cluster workload by 5%.
- Successfully developed robust ETL library in Python, reducing development time and code complexity by 35%.
- 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%.

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 **2019–2021**
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: Python, SQL, Java, Scala, C++, Rust

Technologies: Hive, Spark, Hadoop, Airflow, GreenPlum, Postgres, MySQL, AWS, Git, Kafka, Docker

Other: Data structures and algorithms, blockchain fundamentals

INTERESTS

Fitness, Sci-Fi novels, IT.

CONFERENCES

[PiterPy 2022](#)