

EDUCATION

- **Moscow Aviation Institute** Moscow
Master in computer science and mathematics *Sep. 1998 – Feb. 2005*

EMPLOYMENT

- **Nordea Bank** Copenhagen, Denmark
Expert Developer, Chief IT Developer (since 2021), Team Lead *Feb 20015 - Present*

Achievements:

- Designed and led implementation of several key systems in Nordea.
- Worked as “crisis” tech lead to stabilize problematic projects.
- Worked across teams to promote best programming practices.

Tech stack: Kotlin, Java, Typescript, C-sharp, Kafka, GRPC, Protobuf, Avro, Docker, Cassandra, Redis, Mongo, Oracle, ActivePivot, React, OpenAPI

- **Deutsche Bank** Moscow, Russia
Senior Software Engineer (AVP) *Apr 2012 - Nov 2014*

Achievements:

- Designed and implemented couple of systems.

Tech stack: Java, Oracle, Oracle Coherence

- **Luxoft** Moscow, Russia
Senior Software Engineer *March 2011 - March 2012*

Achievements:

- Participated in the implementation of a low latency pricing system in java.

Tech stack: Java, NIO, Multicast

- **Deutsche Bank** Moscow, Russia
Senior Software Engineer *Apr 2005 - Nov 2010*

Achievements:

- Designed and implemented number of critical pricing/trading systems.

Tech stack: Java, Sockets, JMS, Oracle

SIDE ACTIVITIES

- Strategy back-tester for algo trading in kotlin, java, python.
- Telegram bot for technical analyses (<https://web.telegram.org/z/1072760314>).
- AI research for trading strategies with python, pandas, numpy, scikit-learn libs.

SKILLS

- **Languages:** Kotlin, Java, C-sharp, Typescript, Python, SQL
- **Technologies:** Kafka, Docker, Mongo, gRPC, React, Avro, Protobuf, Cassandra
- **Other:** gradle, bash, unix, computer science, git, ML knowledge, pandas, scikit-learn, numpy

MY PRINCIPLES TO ACHIEVE BETTER TEAM PERFORMANCE

- Complexity / technical debt management of the system is in the top of my objectives while designing/implementing project.
- In the team I try to avoid redundant people sidetracking and context switching to micro tasks as this is very expensive.
- I try to replace cross teams communication with systems API when possible.
- I try to stick with functional approach and reduce OOP as this usually reduces complexity.