

ULYANOV MAXIM

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PROFESSIONAL SUMMARY

I am a Kotlin/Java backend developer with proficiency in Go and Python, specialized in banking and finance with a background in aerospace engineering.

SKILLS

BACK END DEVELOPMENT | Kotlin/Java • Spring • Python • Go • C#
DATA BASE | PostgreSQL • MongoDB • MS SQL • Hibernate
DATA PIPELINES | Apache Kafka
CLOUD | Amazon AWS • Azure Cloud • Yandex Cloud
CI/CD | Docker • Kubernetes • Jenkins • OpenShift
MONITORING AND METRICS | Grafana • Prometheus • Apache Airflow
MARKET DATA | Bloomberg DL • Refinitiv Eikon
DATA SCIENCE | Pandas • TensorFlow • Wolfram
FINANCE | Structured bonds • Equities • FIX Protocol • OMS • OTC • TSOX
ENGINEERING | AutoCAD • SolidWorks • Ansys • Aerospace Engineering
LANGUAGES | Russian (Native) • English (C1)

EDUCATION

**BAUMAN MOSCOW STATE
TECHNICAL UNIVERSITY** | Moscow, Russia
Bachelor's degree | June 2014 - July 2018 |
Computer Science
GPA: 3.70/4
**BAUMAN MOSCOW STATE
TECHNICAL UNIVERSITY** | Moscow, Russia
Specialist Degree | August 2012 - July 2018 |
Aerospace, Aeronautical and
Astronautical/Space Engineering
GPA 3.62/4

EXPIREANCE

42 CONSULTING PTE LTD (LEXIFI) | Python, Kotlin, Go, MongoDB, AWS, Docker, AI Models, Structured bonds

Software Engineer | Nov 2022 – Present | Singapore On-Side

Key projects: *Structured Bond Emission System • High-Load AI-Based Document Reconciliation Application • Microservice for Automated Validation of Scanned Investment Documents against Contract Data using AI • Contract Generation • Microservice for Integration with Bank API in the Structured Bond Emission System • Microservice integration with Bank's Position-Keeping System • Market Data Retrieval Microservice from Reuters and Bloomberg • Monitoring and Management System for Morning Procedures across Client Instances utilizing Apache Airflow*

SBER BANK | Kotlin/Java, Go, Python, Spring, PostgreSQL, Kafka, Pandas, Docker, Structured bonds, Market Data

Software Engineer | Mar 2021 – Nov 2022 | Moscow On-Side

Key Projects: *Front-Office Micro-service application for OTC Trading of Structured Bonds • Structured Bonds Emission Platform (Vendor: [LexiFi](#)) • Pipeline for structured bond quotes to Sberbank website • Structured bond quotes on Sberbank website • Market data loading engine*

VTB Capital IM | Kotlin/Java, Go, C#, Spring, PostgreSQL, Pandas, Docker, Trading Systems, Market Data

Software Engineer | Jul 2018 – Mar 2021 | Moscow On-Side

Key projects: *CR IMS order management system (Vendor: [Charles River Development](#)) • Back-End OTC Data and Document processing micro-service extension for CR IMS OMS • REPO trading micro-service extension for CR IMS OMS • Micro-service for providing real-time prices from Exchanges • Bloomberg TSOX extension for CR IMS OMS • MOEX FIX connectors for CR IMS OMS (Vendor: [ARQA Technologies](#)) • Market data flow analysis and optimization (Bloomberg DL, RuData API, NSD API) • Bloomberg Data License cost optimization*

Bauman Moscow State Technical University | C++, Python, Wolfram Mathematica, AutoCAD, SolidWorks,

Ansys, Git, Aerospace Engineering

Engineering Laboratory Technician | Jan 2016 – Jul 2018 | Moscow On-Side (Internship)

Key projects: *Design of a 3U CubeSat with a rotary solar sail • Design and implementation of a piezoelectric heating rocket engine • Construction of an aircraft prototype for testing with an autorotation descending system*

ADDITIONAL INFORMATION

A more comprehensive resume is also available upon request