

# ANATOLII ANISHCHENKO

## Java/Kotlin Software Engineer

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## SUMMARY

Software Engineer with a strong background in backend development, test automation, and system architecture. Skilled in Kotlin and Java, with hands-on expertise in building scalable microservices using Spring Framework, PostgreSQL, MongoDB, Kubernetes, and AWS. Proven track record of building reliable, high-performance systems in the fintech and cloud infrastructure domains. Worked in multiple teams at **Azul**, **Yandex**, and **Tinkoff**, contributing to mission-critical services, CI/CD pipelines, monitoring dashboards, and automation frameworks. Passionate about clean code, maintainable architecture, and continuous learning.

## EXPERIENCE

### Backend Software Engineer, **AZUL**, Limassol, Cyprus

January 2025 – Today

Designed and delivered multiple backend services for vulnerability data processing and enrichment within a JVM ecosystem, including AI-assisted detection of impacted code elements and a centralized CPE/CVE processing pipeline. Established system observability with Grafana to ensure reliability and performance at scale.

- Average CVE and CPE ingestion time **decreased from 24h to 8h**, ensuring compliance with a 24-hour security SLA.
- Class/Method-level vulnerability coverage **improved from 15% to 75%** through automation of data collection and analysis.
- Migrated the system from a monolithic to a microservices architecture, enabling independent scaling of components and improving overall system flexibility and maintainability.

Kotlin Java AWS Kubernetes PostgreSQL MongoDB Spring Framework Spring Batch Kafka Gradle Grafana Prometheus GitLab CI  
JUnit 5 Mockito Allure TestOps

### Software Engineer in Test, **AZUL**, Yerevan, Armenia (relocation to Cyprus)

April 2023 – January 2025

Improved the quality, reliability, and performance of the automated testing pipeline by introducing structured test planning, expanding automation coverage, and optimizing test execution strategy. Collaborated with developers and product managers to define comprehensive test plans, implemented automated tests for new features, and refactored existing test code to improve maintainability and scalability.

- Automated test coverage **increased from 60% to 80%**, improving overall product quality and reducing regression risks.
- Flaky test rate **reduced from 30% to <1%**, significantly increasing test reliability and developer trust in CI results.
- Average pipeline test execution time **decreased from 2 hours to 1 hour** by splitting tests by scope and executing only impacted tests per pipeline.

Java Allure TestOps JUnit 5 Spring Framework Selenium Selenide PostgreSQL jtrig Jenkins GitLab CI

### Java Backend Developer, **YANDEX**, Yerevan, Armenia

January 2023 – April 2023

Implemented a billing service designed for the creation and management of promotional offers and subscriptions. The system enabled quick and flexible setup of new promotions with configurable conditions. The system allows non-engineering teams to independently create and manage offers without requiring code changes or database migrations.

- Time-to-market for new promotions **reduced from days to hours**, eliminating dependency on engineering team.

Java PostgreSQL Spring Framework Python JUnit 5 Prometheus

### Kotlin Backend Developer, **TINKOFF**, St.Petersburg, Russia (relocation to Armenia)

May 2021 – January 2023

Designed and delivered multiple high-load backend services and infrastructure components, including workflow orchestration, low-latency data services, distributed data migration, and internal execution frameworks. Focused on scalability, reliability, and automation across distributed systems.

- Enabled stable handling of **10k+ RPS** by building a customer data service, establishing a single source of truth for multiple internal platforms.
- Reduced manual data migration effort and automated large-scale transfers, processing millions of records across PostgreSQL and Oracle systems.
- Test coverage **increased by 50%** and regression cycle time **reduced by 70%** by introducing an automated testing framework integrated into CI/CD pipelines.

Kotlin PostgreSQL Oracle Spring Framework Kafka Camunda Quartz Swagger Allure TestOps JUnit 5 WSDL Prometheus Grafana

## SKILLS AND ABILITIES

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<b>Communication</b>	English (C1), Russian (native)
<b>Programming Languages</b>	Kotlin, Java, Python, Bash, C, C++
<b>Frameworks &amp; Libraries</b>	Spring Framework, JUnit, Mockito, Allure TestOps, Swagger, JaCoCo, Gradle, Maven, Quartz, Prometheus, Micrometer, Selenium, Selenide, TestContainers, WireMock
<b>Databases &amp; Storage</b>	PostgreSQL, MongoDB, AWS RDS, S3
<b>Messaging &amp; Streaming</b>	Apache Kafka, Apache Artemis, AWS SQS
<b>Cloud &amp; Infrastructure</b>	AWS, Kubernetes, Docker, Helm
<b>Protocols &amp; Formats</b>	JSON, YAML, Protobuf, XML, WSDL, REST
<b>Version Control</b>	Git, SVN
<b>CI/CD &amp; DevOps Tools</b>	GitLab CI, Jenkins
<b>Monitoring &amp; Observability</b>	Grafana, Prometheus, Loki, Micrometer
<b>Work Process</b>	Jira, Confluence, Scrum, Kanban, Agile, GitLab, Bitbucket
<b>IDE &amp; Tools</b>	IntelliJ IDEA, PyCharm, DataGrip, Postman
<b>Architecture &amp; Principles</b>	Microservices, Event-driven systems, Clean Architecture, Test Driven Development (TDD), Software Design, System Architecture
<b>General Knowledge</b>	Programming, Computer Science, Algorithms, Data Structures, Math & Geometry, Teaching, Mentoring

## PERSONAL PROJECTS

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**SYSTEM OF RETRYABLE CHAIN TASKS**, [Tinkoff](#), St.Petersburg, Russia 2022

Implemented a Java Spring library for delayed and retryable execution of task chains (similar to **Quartz**), supporting configurable retries, delays, metrics, and REST-based task management.

- Job success rate **increased to 99.9%** and recovery time **reduced by 50%**.

[Kotlin](#) [Spring](#) [Task Scheduler](#) [Quartz](#)

## TEACHING AND MENTORING

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**University Teaching Assistant, ITMO UNIVERSITY**, St.Petersburg, Russia September 2020 – May 2023

Contributed to the development of laboratory assignments and teaching materials for the **Information Technology** course. Oversaw and assessed laboratory work submitted by undergraduate students.

[Python](#) [Java](#) [Programming](#) [Computer Science](#) [Algorithms](#) [Data Structures](#)

**Olympiad Programming Teacher, LETOVO SCHOOL**, Moscow, Russia January 2020, May 2019

Taught at the School of Olympiad Programming at Letovo School. Prepared and delivered lectures on **Algorithms** and **Data Structures** to 7th–8th grade high school students.

[Python](#) [Java](#) [C++](#) [Programming](#) [Algorithms](#) [Data Structures](#)

**Summer Computer Science School Teacher, UNIVERSUM**, Munich, Germany May 2018

Taught at the Summer Computer Science School UniverSum for Russian students. Prepared and delivered lectures on **Algorithms**, **Augmented and Virtual Reality** to 7th–11th grade high school students.

[Python](#) [Java](#) [C++](#) [Programming](#) [Algorithms](#) [Data Structures](#) [Augmented and Virtual Reality](#)

## EDUCATION

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2018 – 2022 Bachelor's Degree in Software Engineering and Computer Technologies: [ITMO University](#), St.Petersburg, Russia

2014 – 2018 complete secondary: [Physical Technical High School \(PTHS\)](#), St.Petersburg, Russia


2018 school exchange program (1 month): [Illinois Mathematical and Science Academy](#), Illinois, USA


## REFERENCES

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**Evgeny Gil**

 *Manager, Software Engineer*

 AzUL (2025 - Today)

 [egil@azul.com](mailto:egil@azul.com)

**Sergey Grinev**

 *Senior Manager, QA Engineer*


 AzUL (2023 - 2024)

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**Sergii Kurstak**

 *Senior Director, Engineering*

 AzUL (2024 - Today)

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