

# Maxim Kurbatov

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## Skills

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**Technologies:** Java, Spring Boot, Python, JDBC, JPA, Hazelcast, Redis, Kafka, Postgres, MySQL, WebSocket, TypeScript, JavaScript, HTML, CSS, Git

**Languages:** English (B2), Russian (native)

## Experience

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**Senior Software Engineer, OneCell**

May 2022 – Present

- **Developed** a new file storage approach that reduced storage and computational costs by 50%, optimizing resource utilization across the platform infrastructure.
- **Reduced** client integration time on backend side by 10x by implementing a highly configurable API approach, accelerating customer onboarding and increasing sales velocity.
- **Mentored** 3 junior engineers, accelerating their technical growth and reducing team onboarding time by 40%.
- **Implemented** automated code generation for client-server APIs with distributed tracing, reducing manual development effort and improving system observability.

**Java Engineer, OneCell**

Aug 2020 – May 2022

- **Delivered** complete MVP platform backend within aggressive 2-month deadline, enabling company to launch to first customers.
- **Restructured** monolithic repository into 10+ separate microservice repositories, enabling independent versioning and reducing deployment conflicts by 80%.
- **Coached** 2 team members on backend architecture and Java best practices, improving code quality scores and reducing bug reports.

**Java Developer, Grid Dynamics International**

Aug 2019 – Feb 2020

- **Developed** backend components and implemented unit test cases under the guidance of the senior developer, achieving 85% code coverage and passing all quality gates.
- **Conducted** peer code reviews using Git workflow processes, identifying 15+ potential bugs and improving team code quality standards.
- **Created** and presented technical demos to stakeholders in the international team every week following the Scrum methodology.

**Full Stack Engineer, Business Stability**

Dec 2018 – Aug 2019

- **Built** complete system architecture from scratch including backend services and frontend interface, launching production-ready application within 6 months.
- **Integrated** several third-party background check APIs, automating manual verification processes and reducing processing time from 48 hours to 15 minutes.
- **Developed** OAuth provider and public API infrastructure, enabling external partners to integrate seamlessly.

## Projects

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- **keen-pbr:** Policy Based Routing (PBR) toolkit for Keenetic® routers to selectively forward traffic of LAN clients to specific VPN destinations based on IP subnets and domain masks.
- **IoPC:** Service app that integrates PC with smart home systems (e.g. HomeAssistant) over MQTT.

## Education

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**ITMO University – Master of Infocomm and Digital Media**

Jun 2023

**State Technical University of Saratov – Bachelor of Computer Science and Engineering**

Jun 2021

**Aptech (Certificate) – Aptech Certified Software Technology Specialist**

2020