

# Kirill Lysenko

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Software engineer with experience in architecture and development of microservices and web services for businesses of any level, especially in the following areas: retail, media management, logistic, device management. Adept in both backend and frontend development.

## Achievements:

- Partially designed and implemented software for a network of fifteen thousand devices for monitoring, updating and controlling these devices.
- Designed and implemented both backend and frontend of foodcourt application.
- Created a remote management application for self-checkout stations, reducing the required support staff from several employees to just one, even in stores with over 10 stations.
- Implemented an anti-fraud application for self-checkout stations, leveraging neural network from partnering company to increase store revenue by 2%.

## Technical skills

**Languages and technologies:** Java, SQL, PL/SQL, Python, JavaScript, TypeScript, HTML, CSS, SCSS.

**Frameworks:** Spring, Hibernate, Lombok, Liquibase, Swagger, ReactJS, Angular, FastAPI, Flask

**Testing:** JUnit, Mockito, Pytest

**Datastore:** H2, SQLite, PostgreSQL, RabbitMQ, ActiveMQ, Redis, ElasticSearch.

**Practices:** OOP, SOLID, Design Patterns, Scrum.

**DevOps:** Maven, Gradle, Docker, Docker Compose, Kubernetes, Jenkins, GitLab.

**Tools used:** Jira, Confluence, Grafana, IntelliJ IDEA, Visual Studio, PL/SQL Developer, Swagger, Git.

## Professional experience

**X5 Group, Russia, Moscow, October 2021 – May 2024 (2 years 6 months)**

### Software Developer

**Projects description:** Antifraud application with neural network. Application for ordering food in foodcourt.

**Tools and technologies:** Java, Spring, PostgreSQL, Hibernate, Swagger, Lombok, Liquibase, Maven, Gradle, Mockito, TypeScript, HTML, SCSS, Angular, Git, Jenkins, Jira, Python, FastAPI, Flask

**Responsibilities:** Decomposition of tasks, planning deadlines, application architecture design, database design, system API design, backend development, frontend development.

**DataMaster, Russia, Moscow, June 2019 – March 2022 (2 years 9 months)**

### Software Developer

**Projects description:** Extensible content management platform for information kiosks and self-checkout systems. Media and retail applications for information kiosks and self-checkout systems.

**Tools and technologies:** Java, Spring, PostgreSQL, Hibernate, Swagger, Lombok, Liquibase, Maven, JUnit, Mockito, Electron, JavaScript, TypeScript, HTML, SCSS, ReactJS, Git, Jenkins, Jira, Grafana, ElasticSearch, RabbitMQ, ReactJS

***Responsibilities:*** Decomposition of tasks, planning deadlines, system architecture design, database design, system API design, backend development, frontend development, setting up dev and test environments.

## Languages

- Russian: Native
- English: Fluent
- German: Beginner