



## CONTACT

Vitebsk, Belarus

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github.com/top-secret666

## SKILLS

**Languages:** Java 17+, SQL (PostgreSQL), basic TypeScript/JavaScript

**Backend:** Spring Boot 3, Spring Security (OAuth2), Spring Data JPA, Spring Kafka, Bean Validation

**API & Docs:** REST APIs, OpenAPI/Swagger

**Security:** Keycloak (SSO, RBAC, email verification)

**Infra & Tools:** Docker, Docker Compose, Liquibase, Maven, Git, GitHub Actions

**Frontend:** Next.js, React, Tailwind CSS (foundational)

## LANGUAGES

English: B1 (actively improving)

Russian/Belarusian: Native

## AVAILABILITY

Unpaid internship: Yes

Full-time: Yes (office/hybrid)

# Dana Stukalova

Java Backend Developer (Intern / Junior)

## SUMMARY

Junior Java Developer focused on building backend services with Spring Boot. Hands-on experience with microservices architecture, authentication/authorization via Keycloak (OAuth2 Resource Server), messaging with Kafka, and local infrastructure via Docker Compose. Able to bridge backend and frontend in a Next.js + Spring setup. Strong academic foundation in OOP and backend fundamentals; looking for an internship / junior role to grow in a team.

## PROJECTS

### Genomic Data Analysis (Neural Network) | Python, TensorFlow/Keras, Research

- **Award:** Winner of the Scientific and Technical Conference
- Co-developed a neural network model to determine cancer risk based on the human genome
- Processed and analyzed large genomic datasets to identify key biomarkers
- Currently developing an AI-driven Antivirus system (in progress) to detect and mitigate malicious AI-generated threats

### Food Delivery Platform (Microservices) | Spring Boot, Kafka, Keycloak, Next.js

GitHub: [github.com/top-secret666/rgv](https://github.com/top-secret666/rgv)

- Built a system of 3 independent microservices (User, Restaurant, Order) with dedicated databases
- Integrated Keycloak as an OAuth2 Resource Server for secure identity management and RBAC (ROLE\_USER/ROLE\_ADMIN)
- Implemented asynchronous communication between services using Apache Kafka
- Containerized infrastructure with Docker Compose for consistent local development (PostgreSQL, Keycloak, Kafka)
- Developed a Next.js (TypeScript) frontend consuming backend APIs

### The Witcher: Core Logic Engine | Java 17, OOP

GitHub: [github.com/top-secret666/the-witcher](https://github.com/top-secret666/the-witcher)

- Developed a game logic system using core OOP principles (encapsulation, inheritance, polymorphism)
- Designed modular entities and interactions to manage game state and rules

## EDUCATION

**Vitebsk State Technological University (VSTU) | 2023 – 2027**  
(Expected)

Faculty: Information Technologies and Robotics (FITR)

Specialization: Information Technologies (Software Engineering)

