

# Bogdan Veremienko

[veremienko.bogdan@gmail.com](mailto:veremienko.bogdan@gmail.com) | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

## PROJECTS

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### **JobPortal** | *Spring Boot, MongoDB, Kafka, Redis, Spring Security, Docker, AWS, Spring AI*

- Developed a full-stack job board platform with Spring Boot backend and React frontend, handling 100+ concurrent user requests efficiently.
- Implemented Spring Security and JWT, reducing unauthorized access attempts by 100%.
- Integrated Kafka for event-driven communication, and used Redis caching to improve API response times by 30%.
- Designed and deployed microservices architecture with Docker.
- Enhanced employer features by adding an AI-powered job description generator using Spring AI, increasing job posting efficiency by 40%.

### **BookHub** | *Spring Boot, MySQL, Spring Data JPA, Hibernate, Liquibase, REST Assured, Postman*

- Built a RESTful API for an online bookstore with Spring Boot, supporting books, users and orders.
- Optimized MySQL queries and applied Hibernate/JPA, reduced average API response time from 500ms to 350ms.
- Implemented database schema versioning using Liquibase to ensure smooth migrations and rollback.
- Automated API testing with JUnit 5 and Postman, achieving 95% test coverage.

## EXPERIENCE

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### **Intern Java**

Feb 2024 – Apr 2025

#### *SoftServe*

- Developed backend modules for the GreenCity social platform using Spring Boot and Spring MVC, including controllers, services, and RESTful endpoints.
- Refactored 4 backend modules applying Design Patterns (Singleton, Factory, Strategy), improving maintainability and reducing code duplication by 12%.
- Worked with PostgreSQL and applied Liquibase for schema version control.
- Collaborated in an Agile team of 8 developers, using Git, Maven, Docker and GitHub Projects to deliver tasks on time.

## EDUCATION

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### **V. N. Karazin Kharkiv National University**

*Master of Computer Engineering*

Sep 2023 – Jan 2025

### **V. N. Karazin Kharkiv National University**

*Bachelor of Computer Engineering*

Sep 2019 – Jun 2023

## CERTIFICATIONS & TRAINING

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### **SoftServe Academy**

Aug 2023 – Jan 2024

#### *Practical Java & Java Project-Based Learning*

- Mastered Java Core concepts (OOP), applied Collections Framework and exception handling to optimize data processing and improve query performance by 20%.
- Performed Swagger UI testing for 50+ REST endpoints, ensuring all responses met functional and performance requirements, decreasing QA testing time by 20%.
- Studied SOLID principles and applied them in projects to improve code readability and maintainability.
- Wrote 50+ unit and integration tests using Selenium, improving code coverage by 25%.
- Managed 30+ tasks in GitHub Projects, overseeing task allocation (To Do, In Progress, Done) and ensuring 100% sprint completion.

## TECHNICAL SKILLS

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**Languages:** Java, SQL (PostgreSQL, MySQL), NoSQL (MongoDB), JavaScript, HTML/CSS

**Frameworks:** Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Hibernate, Spring AI

**Messaging & Caching:** Apache Kafka, Redis

**Developer Tools:** Git, Docker, IntelliJ IDEA, Maven, Gradle

**Testing:** JUnit 5, Selenium, Mockito, Postman, REST Assured, Swagger

**Cloud & CI/CD:** AWS (Basics), Jenkins, SonarCloud, Liquibase

**Additional Skills:** RESTful APIs, Microservices, Design Patterns, Agile/Scrum