

# Vasyl Shtoiko | Software Deweloper

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## PROFILE

Self-motivated Java developer with experience in educational and personal projects focused on microservice architectures. I have a strong foundation in backend development, adapt quickly to new environments, and excel at solving complex problems. Resilient under pressure and a dedicated team player, I value strong work ethics and am driven by a passion for continuous improvement. I approach software engineering with a proactive mindset, striving to expand my expertise and grow as a specialist.

## SKILLS AND TOOLS

KEY SKILLS	Java (8, 11, 17, 21), Spring frameworks(MVC, Cloud, Data, Security), Hibernate, Docker, Microservices, PostgreSQL, MongoDB, Testing (JUnit, Mockito)
BASIC KNOWLEDGE	gRPC, Apache Kafka, AWS, Flyway, Liquidbase, Project Reactor, Swing, Devops practice, Networks

## EXPERIENCE

*GreenCity*

Jan 2024 - June 2024

Volunteered as a backend developer for 'GreenCity,' a non-commercial municipal project focused on promoting eco-friendly lifestyles. The platform allows users to explore eco-initiatives and environmentally conscious businesses through an interactive map, track their progress using a habit tracker, and access user data via the 'GreenCityUser' microservice. I built the user notification feature from scratch to keep users informed about activities related to their engagement, making it adaptable for future integration of a messenger system. Additionally, I optimized several database queries with JPQL, which significantly boosted data retrieval efficiency and overall system performance.

*BankSim project*

Mar 2024 - PRESENT

BankSim is an educational project simulating a banking system, developed to strengthen expertise in microservices architecture and distributed systems. The project was built and deployed from scratch, leveraging a distributed system architecture with asynchronous communication. It showcases the developer's technical skills and serves as a comprehensive learning platform. Additionally, it is designed to function as a test environment for experimenting with and studying new technologies and tools. Technologies used: Spring (MVC, Data, Cloud, Security, WebFlux), gRPC, Apache Kafka, Flyway, MongoDB, PostgreSQL.

*ATMsimulator*

Dec 2021 - PRESENT

"ATMsimulator" is a learning project simulating ATM functionality, integrated with the "BankSim" system. Built with Java 8 and Swing for the user interface, it uses gRPC for communication. The project avoids the Spring framework and external libraries to focus on custom implementations, core programming skills, and foundational knowledge.

*Other Experience*

- Military Service: Gained leadership, discipline, and decision-making skills under pressure in a team-oriented and stressful environment.
- Retail Specialist: Developed communication skills, task prioritization, and stress management while working in a dynamic and high-pressure environment.

## EDUCATION

<i>Ivan Franko National University of Lviv</i> <ul style="list-style-type: none"><li>• Economic cybernetics 2008-2011</li><li>• Bachelor's degree in Finance, Banking and Insurance 2021-2022</li></ul>	<i>SoftServ Academy 2020-2024</i> <p>Finished courses:</p> <ul style="list-style-type: none"><li>• Java Online Marathon</li><li>• Java project-based learning</li><li>• DevOps for developers fundamentals</li><li>• JavaScript/CSS3/HTML5 fundamentals</li></ul>
<b>LANGUAGES</b> <ul style="list-style-type: none"><li>• English: upper-intermediate(B2)</li><li>• Ukrainian: native</li></ul>	