

Nikita Smiichyk

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[Portfolio Website](#)

[GitHub](#)

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PROFILE

Backend-focused developer building RESTful APIs and structured systems using Java and Spring Boot. Currently developing a Stripe-like billing platform with a focus on clean architecture, scalability, and data integrity.

Strong analytical thinker with a systematic approach to problem solving, actively building backend systems beyond coursework and seeking a backend-focused placement.

TECHNICAL SKILLS

Languages:

Primary: Java, SQL

Secondary: JavaScript, PHP, C++, Python

Familiar: Kotlin

Backend Development:

Spring Boot, REST API design, JDBC, Node.js

Databases:

MySQL, PostgreSQL, MongoDB

Tools & Technologies:

Git, GitHub, Docker, Maven

Testing:

JUnit

PROJECTS

STRIPE-LIKE BILLING PLATFORM

Designed and developed a backend billing system for managing customers and subscription-like workflows using Java 21 and Spring Boot. Built RESTful APIs with request validation, duplicate data protection, and structured CRUD operations. Integrated PostgreSQL with Flyway migrations to ensure data consistency and controlled schema evolution.

Tech: Java 21, Spring Boot, Spring Web, Spring Data JPA, PostgreSQL, Flyway

SUPERMARKET STORE SYSTEM (CLIENT-SERVER)

Designed and implemented a multi-tier backend system using a custom JSON-based socket protocol for managing departments and products. Built a multithreaded server handling concurrent client requests, with DAO-based persistence using JDBC and MySQL.

Tech: Java, JDBC, MySQL, JSON, Multithreading

EMERALD-SIP E-COMMERCE

Designed and developed a full-stack application for managing eco-product listings and orders, including user interaction and data management features.

Tech: JavaScript, Node.js

EDUCATION

Sep 2024 – Present	BSc (Hons) Computing / Software Development Dundalk Institute of Technology
2023 – 2024	Diploma in Software Development (QQI Level 5) Drogheda Institute of Further Education
2019 – 2021	Geodesy (Incomplete Degree) Kyiv National University of Construction and Architecture (KNUBA), Kyiv

WORK EXPERIENCE

Jul 2022 – Oct 2022	<u>Cleaner (Cleanroom Environment)</u> <u>Edwards Lifesciences, Limerick, Ireland</u> <ul style="list-style-type: none">▪ Maintained strict cleanliness standards in controlled cleanroom environments▪ Followed detailed procedures and protocols to ensure contamination-free conditions▪ Demonstrated attention to detail and responsibility
Sep 2021 – Mar 2022	<u>Crew Member</u> <u>McDonald's, Kyiv, Ukraine</u> <ul style="list-style-type: none">▪ Worked in a fast-paced environment requiring efficiency, and teamwork▪ Managed multiple tasks under time pressure▪ Maintained high service standards