



Kacper Gumulak

21 years old

Contact

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Kraków

Links

- [Github profile](#)
- [LinkedIn profile](#)

Skills

Programming languages

- C# (main)
- Java
- C++

Technologies and frameworks

- ASP.NET Core, Entity Framework Core
- WPF, XAML, MVVM
- Spring Boot
- REST API

Tests and tools

- NUnit, JUnit, FluentAssertions
- Swagger, OpenAPI, Postman
- Docker, Testcontainers
- Git

Systems and environments

Windows, Linux (WSL)

Databases

PostgreSQL, MySQL, MongoDB basics

About me

- Computer science student pursuing **backend** and **desktop application development**.
- I develop projects in **C#/.NET (WPF, ASP.NET Core)** and **Java (Spring Boot)**, working with **REST APIs**, **SQL** databases, and unit testing.
- I'm looking for my first **commercial experience** as a **Junior Developer/programming intern**, where I can develop my skills on **real-world** projects.

Languages

Polish - native, English - B2

Projects

Finance Tracker

Technologies: C#, .NET 8, WPF, MVVM, EF Core, SQLite, LiveCharts, DI

- Designing / implementing a full-featured desktop finance man. system
- Applying MVVM architecture with service layer abstraction
- Integrating EF Core with SQLite and automatic database migrations
- Implementing data visualization with animated charts

Brick Breaker Game

Technologies: Java, AWT, Swing

- Implementation of game mechanics and ball bounce physics
- User interface support
- Game pause and restart system
- Division into difficulty levels/game levels

Hotel Reservation Manager

Technologies: Java, Spring Boot, PostgreSQL, Docker, JUnit

- Creating a REST API for room and reservation management
- Implementing business logic and entity relationships
- Creating integration and unit tests
- PostgreSQL database integration

NBP Currency Tool

Technologies: C#, WPF, MVVM, HttpClient, JSON, NUnit

- Creating an app that retrieves current exchange rates from the NBP API
- Implementing a mechanism for converting values between currencies
- Handling HTTP queries and processing data in JSON format

Education

Politechnika Krakowska im. Tadeusza Kościuszki

Field of study: Computer Science (engineering)

Kraków

October 2023 - present

Experience

Professional experience not directly related to IT.
Available on LinkedIn.

I consent to the processing of my personal data for the purposes necessary to carry out the recruitment process (in accordance with the Act of 10 May 2018 on the Protection of Personal Data (Journal of Laws of 2018, item 1000) and in accordance with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (GDPR).