

# MATEUSZ SIWY

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**Portfolio** : <https://mateuszsiwy.github.io/msiwy-portfolio/>

## TECHNICAL SKILLS

**Back End** | C, C++, Python, SQLServer, C#, .NET, Entity Framework Core,  
**Front End** | HTML, CSS  
**Developer Tools** | Git, Visual Studio, Spectre.Console

## EXPERIENCE & PROJECTS

**Quality Assurance tester | QLOC**

June 2022 - August 2022

*Video Game Testing*

Jira | Confluence

- Working collaboratively in groups of 2-6 individuals, daily tasks consisted of testing the quality of video games, and inserting data into JIRA Database.
- Conducted daily progress reviews to assess testing outcomes and ensure alignment with project goals.

**Internship | Kodikos**

September 2019 - June 2020

*Collecting data for a database*

JavaScript | Next.js | MUI | Node.js | Firebase | Jest

- Assistance with creating a Registration System for Covid-19 cases. Creating a database in Microsoft Excel.

**Apartment Management System**

*A web application that allows data management through an API client. User can post, get, update and delete records from SQL Database.*

.NET | SQLServer | SQL | JavaScript | Bootstrap

- Property Management:** Users can manage properties (apartments), including creating, updating, and deleting records of individual apartments. Each property record contains details such as address, size, rent, and tenant information.
- Tenant Management:** The system allows for the management of tenant information, enabling users to add, modify, or remove tenant records linked to specific apartments. Tenant data is stored in relational format, making it easy to track occupancy.
- Data Management:** The project uses foreign keys to link apartments, tenants, and maintenance requests, ensuring data consistency. Deleting an apartment automatically removes its associated tenants and maintenance records.

**Chat Application**

*.NET desktop application built using Windows Forms that allows users to communicate in real time over a local server.*

.NET | TCPClient | Windows Forms

- Real-Time Messaging:** Users can send and receive messages instantly within the chat application.
- Live Users List:** Displays a list of currently connected users, allowing for easy identification of available contacts.
- Private Messaging:** Users can send direct messages to each other, enhancing the communication experience.
- Local Server Communication:** The application operates over a local server, ensuring secure and efficient data transmission.

**Shifts Logger**

*Console-based application for recording and managing worker shifts*

.NET | SQLServer | Entity Framework Core | Postman | ASP.NET Core Web API

- SQL Server as the database, using the Entity Framework Core "code-first" approach for database creation.
- Clean separation of concerns between the API and the console UI.

## EDUCATION

<b>Akademia Górniczo-Hutnicza im. Stanisława Staszica</b>	- Bachelors of Science, Applied Computer Science, GPA 4.0	2022 - 2026
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