

# Yuliia Melnyk

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🌐 My Webpage

## EDUCATION

### •Wroclaw University of Science and Technology

Engineer's degree in Algorithmic Computer Science

2024

GPA: 4.5/5.0

## PROFESSIONAL SUMMARY

Passionate Front-end developer skilled in crafting captivating user experiences through clean, efficient code and intuitive design. With a keen eye for detail and a dedication to staying current with emerging technologies, I thrive on turning complex concepts into seamless, user-friendly interfaces.

## TECHNICAL SKILLS AND INTERESTS

**Languages:** English (C1) , Polish (C1) , German (B1), Ukrainian (Native speaker) , Russian (Native speaker)

**Developer Tools:** Visual Studio Code , GIT, MySQL, SSMS, VIM , SVN , IntelliJ Idea

**Programming Languages and Frameworks:** HTML/CSS, SCSS, Typescript, Javascript, Angular, MySQL, MsSql, Python, Java

**Soft Skills:** Teamwork , Critical Thinking , Resourcefulness , Adaptability , Problem-Solving

**Areas of Interest:** Front-end development, Artificial Intelligence , Machine Learning

## RELEVANT EXPERIENCE

### • Front-end Developer | NetMaxBud

2023 - Now

web application for calculating the building cost estimate of a construction company / Wroclaw, Poland

- Singlehandedly designed and developed responsive web application that consists of 4 pages and 10 subpages.
- Utilized Angular Framework to architect a modular, component-based code structure, fostering easy adaptability and scalability for future modifications and expansions.
- Implemented REST API HTTP requests within the web application, seamlessly integrating Angular's pipes, subscriptions, and promises to proficiently manage asynchronous request-response cycles.
- Effectively handled over 25 REST API request endpoints, encompassing diverse methods such as POST, GET, PATCH, PUT and DELETE, ensuring robust communication and data management.
- Leveraged over 20 Material Design library components to elevate UI aesthetics and functionality, adeptly managing events and interactions for a polished user experience.
- Maintained graphic standarts and branding throughout the application's interfaces.
- Actively contributed to discussions regarding the implementation of planned business functionalities and database structures, resulting in proposed solutions that saved the company over 5,000 zloty.
- Opted for TypeScript over JavaScript throughout the project, harnessing its strong typing system and advanced features to enhance code quality, maintainability, and overall development efficiency.
- Implemented optimizations to streamline HTTP request processing time and enhance UI responsiveness by strategically modifying the data model returned by the REST API, resulting in a noticeable 40% reduction in request-response latency and a smoother user interface experience.
- Added and modified more than 1000 records in MsSql database.