Uladzislau Tsitou

375 (29) 841-82-73 | [tsitou.uladzislau@gmail.com](mailto:tsitou.uladzislau@gmail.com) | [LinkedIn](https://www.linkedin.com/in/vladititov/) | [Github](https://github.com/VladiTitov) | [Leetcode](https://leetcode.com/u/VladiTitov/) | [My site](https://vladititov.github.io)

Minsk, Republic of Belarus

**ABOUT**

Dynamic and results-oriented Full Stack Software Developer with more than 5 years of experience in designing, developing, and maintaining web applications using .NET and Angular. Skilled in leading and mentoring development teams, fostering a collaborative and innovative work environment. Committed to delivering high-quality software solutions and staying updated with the latest industry trends.

**SKILLS**

* **Front-end:** HTML, CSS, JavaScript, TypeScript, Angular, Bootstrap
* **Back-end:** C#, .NET Core, ASP.NET, RESTful APIs, Entity Framework, GRPC
* **Databases:** PostgreSQL, SQLite, Clickhouse, MongoDB
* **Tools & Technologies:** Visual Studio, Jira, TFS, Rider, MinIO, Git, Docker, Selenium
* **Other Skills:** Agile/Scrum methodologies, Unit Testing, TDD, CI/CD, Telegram MiniApp, Telegram Wallet

**LANGUAGES**

* Russian – native
* English - intermediate

**EXPERIENCE**

|  |  |
| --- | --- |
| **Full Stack Software Developer | NDA** | January 2024 – January 2025 |
| * Led a team of developers in the design and development of web applications using .NET Core and Angular. * Collaborated with stakeholders to define project requirements and deliverables. * Conducted code reviews and provided technical guidance to ensure high-quality code. * Implemented best practices for software development and project management. * Integrated third-party APIs to enhance application functionality. * Debugged and resolved complex application issues to ensure optimal performance. * Mentored junior developers and conducted training sessions on best practices. | |

|  |  |
| --- | --- |
| **Backend Software Developer | NDA** | June 2022 – December 2024 |
| * Developed and maintained web applications using ASP.NET. * Created RESTful APIs to facilitate seamless communication between front-end and back-end systems. * Optimized database queries and improved application performance. * Implemented authentication and authorization mechanisms to enhance security. * Participated in daily stand-ups, sprint planning, and retrospectives to ensure project success. | |

**PROJECTS**

|  |
| --- |
| **Web Data Parsing & Search MiniApp Project**  Developed a Telegram MiniApp that parses data from various internet sites, standardizes it, and allows users to search according to specific criteria in real-time. |
| * **Advanced Data Parsing:** Implemented efficient web scraping techniques using .NET libraries to extract relevant data from multiple internet sources. * **Data Standardization:** Developed algorithms to clean, format, and standardize extracted data, ensuring uniformity and consistency across different sources. * **Real-time Search Functionality:** Integrated search capabilities within the Telegram MiniApp, allowing users to query data based on specific search criteria and receive instant results. * **User Interface Development:** Designed an intuitive and responsive user interface for the MiniApp, ensuring a seamless user experience on the Telegram platform. * **API Integration:** Created and integrated RESTful APIs to facilitate seamless communication between the MiniApp and the backend data processing system. * **Performance Optimization:** Optimized the data parsing and search algorithms to handle large volumes of data efficiently, ensuring quick response times for user queries. * **Error Handling & Debugging:** Developed comprehensive error-handling mechanisms to ensure the stability and reliability of the MiniApp, minimizing user-reported issues. * **Documentation & User Training:** Created detailed technical documentation and conducted training sessions for end-users, ensuring smooth adoption and effective use of the MiniApp. * **Project Management & Collaboration:** Collaborated with a cross-functional team, coordinated project tasks, conducted code reviews, and mentored junior developers, fostering a collaborative and high-performing team environment. |

|  |
| --- |
| **Base Station Management System Project**  Developed a comprehensive system for managing and monitoring the base stations of mobile operators in the Republic of Belarus, ensuring seamless communication and network efficiency. |
| * **System Architecture Design:** Designed and implemented a robust system architecture using .NET technologies to handle large-scale data from multiple base stations. * **Real-time Data Processing:** Developed algorithms for real-time monitoring and analysis of base station performance, ensuring optimal network operation and quick issue resolution. * **Database Integration:** Integrated SQL Server to efficiently store and manage large volumes of data related to base station metrics and configurations. * **Performance Optimization:** Optimized the system to handle high volumes of data with minimal latency, ensuring quick and reliable access to critical information. * **User Interface Development:** Designed an intuitive and user-friendly interface for network operators to easily monitor, analyze, and manage base station performance and configurations. * **Collaboration with Stakeholders:** Worked closely with mobile operators and other stakeholders to gather requirements, provide technical support, and ensure the system met their needs. * **Error Handling & Debugging:** Implemented comprehensive error-handling mechanisms to ensure the system's stability and minimize downtime. * **Documentation & Training:** Created detailed technical documentation and conducted training sessions for end-users, ensuring smooth adoption and effective use of the system. * **Project Management & Leadership:** Led a team of developers, coordinated project tasks, conducted code reviews, and mentored junior developers, fostering a collaborative and high-performing team environment. |

|  |
| --- |
| **Traffic Monitoring System Project**  Developed a comprehensive traffic monitoring system utilizing photo recording cameras to enhance road safety and enforce traffic regulations across the Republic of Belarus. |
| * **System Architecture Design:** Designed and implemented a robust system architecture using .NET technologies, ensuring seamless integration of multiple camera feeds and real-time data processing. * **Data Processing & Analysis:** Developed algorithms for processing and analyzing images captured by traffic cameras to detect and record traffic violations such as speeding and red-light violations. * **Database Integration:** Integrated SQL Server to efficiently store and manage large volumes of image data and metadata, facilitating quick retrieval and analysis. * **Performance Optimization:** Optimized the system for high performance and reliability, ensuring real-time processing of camera feeds and quick response times. * **User Interface Development:** Designed and implemented a user-friendly interface for traffic authorities to easily access, review, and manage captured images and violation data. * **Collaboration with Stakeholders:** Worked closely with traffic authorities and other stakeholders to gather requirements, provide technical support, and ensure the system met their needs. * **Error Handling & Debugging:** Implemented comprehensive error-handling mechanisms to ensure the system's stability and minimize downtime. * **Documentation & Training:** Created detailed technical documentation and conducted training sessions for end-users, ensuring smooth adoption and effective use of the system. * **Project Management & Leadership:** Led a team of developers, coordinated project tasks, conducted code reviews, and mentored junior developers, fostering a collaborative and high-performing team environment. |

|  |
| --- |
| **Duplicate Image Recognition Project**  Developed a desktop application for recognizing and removing duplicate images using EmguCV and .NET technologies |
| * **Advanced Image Processing:** Leveraged EmguCV to implement robust image recognition algorithms, significantly improving the accuracy and reliability of duplicate image detection. * **Optimized Performance:** Utilized EmguCV's efficient image processing capabilities to reduce the time required for image comparison, enhancing overall application performance. * **User Interface Development:** Designed a sleek and intuitive user interface with WPF (Windows Presentation Foundation) that provided a seamless user experience. * **Database Management:** Integrated SQL Server for efficient storage and retrieval of image metadata, ensuring quick and reliable access to image data. * **Multithreading Implementation:** Improved application responsiveness and performance by implementing multithreading for parallel image processing tasks. * **Error Handling & Debugging:** Developed comprehensive error-handling mechanisms to ensure smooth and uninterrupted operation, reducing downtime and user-reported issues. * **Documentation & User Training:** Created detailed user guides and conducted training sessions for end-users, facilitating easy adoption and efficient use of the application. * **Team Collaboration & Leadership:** Led a team of developers, coordinated project tasks, conducted code reviews, and mentored junior developers, fostering a collaborative and high-performing team environment. |

**EDUCATION**

|  |  |
| --- | --- |
| **IT Academy**  C# (.NET) Developer | June 2021 – August 2021 |
| **Belarusian State University of Informatics and Radioelectronics**  Security of computer and information systems/information protection | Sept. 2011 – June 2016 |