

JUSTYNA NOWAK-SZRAJNERT



Software Engineering Professional | Webcon BPS Architect | Aspiring Web Developer

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[LinkedIn](#) | [GitHub](#) | [SPOJ Profile](#) |

Professional Summary

Results-driven Software Engineering professional with a robust background in **Computer Science and Mathematics**. Currently transitioning from a successful career as a **Webcon BPS Architect** and **System Analyst** into **Full-Stack Web Development**.

A **Certified Postman Student Expert** with deep expertise in **T-SQL database management** and system logic. I possess a strong foundation in **Object-Oriented Programming (C++, Java)**, backed by advanced certifications in **SOLID principles** and **Software Design Patterns**.

Proven track record of optimizing business processes and reducing operational time by **1000x**. I combine high-level analytical thinking with a commitment to writing clean, maintainable code and building scalable web architectures.

Education

Master of Science in Computer Science and Econometrics | 2013 – 2017

- University of Lodz, Faculty of Economics and Sociology

Master of Science in Financial and Actuarial Mathematics | 2008 – 2013

- University of Lodz, Faculty of Mathematics and Computer Science
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Work Experience

Webcon Architect | Transfer Multisort Electronic Sp. z o.o., Łódź | 08/2020 – Present

- Analyzing client requirements and creating comprehensive implementation documentation.
- Designing and optimizing business processes using Webcon BPS.
- Providing project management support and leading workshops for end-users.

- Developing test scenarios and performing system testing.
- Responsible for the overall system architecture of Webcon BPS.
- **Key Achievement:** Successfully deployed four major business processes to production, enabling company-wide use of Webcon BPS.

Master Data Specialist | Infosys BPO Sp. z o.o., Łódź | 05/2017 – 07/2020

- Developed data reports based on database extracts and maintained SAP product data.
 - Created functional documentation for a new global automation platform.
 - Led a project to develop an internal application managing all programming tools.
 - **Key Achievement:** Reduced team workload by 0.4 FTE and improved tool performance 1000x through the introduction of a new application.
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Projects (Portfolio)

Personal Web Development Portfolio | HTML5, GitHub Pages

- Designed and deployed a personal portfolio website to showcase web development skills.
- **Live Demo:** [View Project](#)
- **Source Code:** [GitHub Repo](#)

Capstone Project: Online Resume | HTML5, GitHub Pages

- Developed a professional multi-page website based on a strict client specification.
 - **Live Demo:** [View Project](#)
 - **Source Code:** [GitHub Repo](#)
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Technical Certifications

Software Engineering & Programming

- **SOLID Principles: Object-Oriented Design & Architecture | Udemy | 2026**
- **Design Patterns in Software Architecture | Udemy | 2026**
- **C++ Programming Specialist | SoloLearn | 2025**
- **Version Control with GIT | Udemy | 2023**

Web & API Development

- **Postman Student Expert | Postman | 2024**
- **T-SQL Database Development & Management | ALX Academy | 2022**

Business Process Automation

Technical Skills

- **Programming & Design:** C++, Java, JavaScript (in progress), HTML5, CSS3, SOLID Principles, Design Patterns.
 - **Databases:** T-SQL, SQL Server Management Studio (SSMS), Relational Database Design.
 - **Web & API:** Postman (Certified Student Expert), RESTful APIs, Web Architecture, GitHub Pages.
 - **Systems:** WEBCON BPS (Professional Designer), SAP, Low-Code Development, Business Process Modeling.
 - **Tools:** Git, JIRA, Agile/Scrum, MS Office 365 (Advanced Excel).
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Languages & Licenses

- **English:** Advanced (C1 – Professional working proficiency).
 - **Polish:** Native.
 - **Driver's License:** Category B.
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