

WOJCIECH PIETRZAK

Software Engineer with almost 20 years of commercial experience. I have an extremely steep learning curve of new technologies (i.e. I developed the first working part of a microservice in less than a week since I started learning ProtoBuf and GoLang). I approach problems analytically and creatively, alternating between these two until I find a working combination. Still doesn't work? I am more fascinated than frustrated. With my thinking outside the box I am able to find resources and solutions in unexpected places.

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WORK HISTORY

Senior Software Engineer & Architect

7 WILLOWS

2022-06 - 2024-11

- Main developer of the company's product: BIM Guide (AI, Git, Bash, C#, .NET, TypeScript, Deno, Preact, Go, SurrealDB, IDesign, REST API).
- Development of the company's product: Pliker.net (AI, Git, Bash, PHP, TypeScript, CSS, MySQL, MariaDB, CouchDB, REST API).
- Architecture design and development for the company's product: DigitalI (AI, Git, Bash, TypeScript, OCaml, Go, HTML, SQLite, SurrealDB, REST API, gRPC API).
- Maintaining system for external customer (PHP, MySQL, Zend Framework)
- Code review and software testing of teammates' work.
- Penetration testing of the company's products.
- Social engineering tests on teammates and delivery of cybersecurity trainings.

Senior Software Engineer

ONYX, WARSZAWA

2007-10 - 2022-05

- Design of database structures.
- Design of smooth user interfaces.
- Development of numerous company's products (PHP, MySQL, JavaScript, HTML, CSS, C, REST API, SOAP API).
- Writing User Manuals in Polish and English.
- Integration of applications with third party APIs (REST API, SOAP API).
- Translation of user interfaces (PL-EN, EN-PL, PL-DE).

Software Engineer

FIOKWARE (LATER RENAMED TO: FIOK I WSPÓLNICY), WARSZAWA

2007-01 - 2007-09

- Implementation of backend functionalities (PHP, PostgreSQL, JavaScript, HTML, CSS, Bash).

NOTABLE WEB APPLICATIONS I WORKED ON

Product Owner

BIM GUIDE

2022 - 2024

<https://bimguide.com/>

- Main backend and database architect and primary backend developer of the application.
- Sole developer of the Revit Add-in integrated with this application.

Backend Developer

BATIMEX

2012 - 2022

<http://www.batimex.pl/>

- Maintenance of the shop's software.
- Implementation of new functionalities.
- Integration with new payment and delivery third party systems.

■ Backend Developer

FRYDERYKI

2007 - 2021

<https://fryderyki.pl/>

- Preparation of voting cards for the Fryderyk Music Awards system.
- Management of vote storage.
- Implementation of encryption for secure voting.
- Reporting voting results.

EDUCATION

■ Computer Science, Master of Science

WARSAW UNIVERSITY

2000-10 - 2007-09

LANGUAGES

- English - C1
- German - B2
- Russian (reading)

SKILLS

- Swift Grasp of New Technologies
- Foreseeing Edge and Cumbersome Cases
- Team and Independent Working
- Prioritizing Tasks
- Driving License (Cat. B)

TECH STACK

- PHP 5, AI Usage, REST API
- iDesign, OCaml, SQL (MySQL, PostgreSQL, SQLite, MariaDB), TypeScript + Deno, SOAP API
- C# + .NET, Git, Go, NoSQL (CouchDB, SurrealDB), Shell Scripting (Bash), gRPC API
- HTMX, Preact, Zend Framework



COURSES

- **Simple Hacking by Sekurak.pl** 2022-11
- **Symfony 5 – The Complete Guide For Beginners** 2022-04
- **OSINT Course by Niebezpiecznik.pl** 2022-02
- **Chess Arbiter Course by Mazovian Chess Association** 2022-01

HOBBY/INTEREST

- Chess (I++ national category as a player and III national category as an arbiter)
- Twilight Struggle (three times medalist of the Polish Championships + dedicated YouTube channel with commented games)
- Writing (a crime novel in Polish published as an e-book)