Paweł Chojnacki

Warsaw, Poland
📞 *+48 730 461 681*
✉ *pawel.marcin.chojnacki@gmail.com*
🖥 *github.com/Pawel-Marcin-Chojnacki*

Professional summary

Software engineer with over two years of professional experience and twice as much experience with non-commercial projects. During my work in BSB I improved database application performance by 1200%. I was modernising an application from Silverlight tech to ASP.NET MVC. I regularly participate in technical trainings (edX, Coursera, Pluralsight) about programming, as well as architecture and software engineering. After finishing my studies, I moved to Warsaw.

Professional experience

February 2017 – July 2018
Programmer, *Bazy i Systemy Bankowe Sp. z o.o*, Bydgoszcz.
I was responsible for the development and maintenance of SPERT (C#/.NET, MySQL) system used in most of the Polish banking institutions. I was leading order for functional changes in the taxation project ecoTAX (C#/.NET, MsSQL) for the Marshal's Office. Couple of weeks before leaving the company I was in a team developing OZIN (ASP.NET MVC, MsSQL, JavaScript), a new product of the National Bank of Poland.

March 2016 – February 2017
Junior programmer, *Bazy i Systemy Bankowe Sp. z o.o*, Bydgoszcz.
I was responsible for the design and implementation of the new features in the anti-terrorism and money laundering software. After the end of the project, I worked in a team designated to write SWPF, a new software for financial planning of the National Bank of Poland.

Projects

Climate Observer
.NET Framework 4.7.1, WPF, Quartz.NET, Moq, SQLite, Entity Framework, xUnit, AutoFake, LiveCharts, A Windows Service collects weather information using OpenWeatherMap for a list of selected cities. Desktop application allows user to show collected data in a from of interactive charts.

Kopra
Windows Phone 8.1 SDK, MVVM pattern, Mobile application that supports the use of social lending services. It's targeted for regular investors. Using WebAPI of *Kokos.pl*, investor has critical information on his/her smartphone at the right time.

FERS
C#/.NET, LiveSDK API, Google API, Phonegap, Quartz.NET, *Fast and Easy Reservation System (team project)*, A complete solution for a room booking. The system consists of a web application for booking and managing staff accounts, a Windows Service for syncing calendars, and a mobile Android app to manage reservations. I was responsible for creating synchronization service that pushes changes to third party calendar services, updates security keys, etc. I also created an app for emplyees to view room reservations.

Skills

C#/.NET
ASP.NET MVC, WCF, WPF, MVVM, Entity Framework, Moq, xUnit, Technology used in my professional work. I direct my eductaion around .NET stack.

SQL	**Microsoft SQL, Oracle PL/SQL, MySQL**, I migrated data between databases running on Microsoft and Oracle solutions. I wrote procedures aggregating large sets of data and software parametrization scripts for several of Polish banks. I was responsible for optimizing client process execution time.
JavaScript	**Tensorflow.js**, I took part in writing the front end of a few applications using jQuery and Bootstrap. I am currently learning JavaScript by developing a side project using Tensorflow.js and Angular.
Python	**Tensorflow, Keras, request, PyWin, pil**, I use Python for Machine Learning, data analysis, testing concepts and scripting tedious manual tasks.
Design Patterns	**Facade, Factory Method, Abstract Factory, CQRS, Command, Dependency Injection**.
Git	I use the GitHub repositories on a daily basis, I also create my own repositories there.
SVN	I was using it in the professional work.
Visual Studio	I've worked on all versions across Visual Studio 2008 – 2017 (with Resharper extension), Code, VS for Mac.
Other	**Agile software development, SCRUM, SOLID principles**.

Education

2017 – 2018	**Computer Science**, *Nicolaus Copernicus University, Masters*.
2012 – 2017	**Computer Science**, *Nicolaus Copernicus University, engineering degree*.
2014 – 2015	**Mobile apps**, *Universitat de Vic, Erasmus+ exchange*.
2008 – 2012	**IT technician**, *ZSMEiE, Toruń*.

Certificates

04.2018	**Udemy**, *Natural Language Processing with Deep Learning in Python*.
02.2015 – 09.2015	**Microsoft Approved Course**, *ITA-113 Programming Mobile Devices*.

Languages

polish	Mothertongue	
english	Advanced	*Conversationally fluent*

Hobbies

learning new technologies – currently .NET Core 2.1, Deep Learning

long-distance running – I run 10–15 km. I ran the marathon in 2017

Latin dance

Additional assets

Participation in the Academic Championships in Team Programming 2013 (AMPPZ), *Programmer in a 3-person team representing NCU 2013*.

Participation in the Association for Computing Machinery International Collegiate Programming Contest Central Europe Regional Contest 2012, *ACM ICPC CERC*, Programmer in a 3-person team representing UMK.

Participation in the Erasmus+ student exchange program.

Member of the Student Research Group.