Petr Pelnar

Education level: University
Citizenship: Czech Republic
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Senior software developer with strong experience in **.NET** and **Microsoft** platform and background in cybernetics and biomedical engineering.
Great communication skills and fluent in English and Spanish.
Focused mostly on DB-centric web applications, Azure services but also desktop (WPF) and embedded (Arduino) application development and consultacy.

Work Experience

Freelancing SW Development *2014 – now*

Various freelancing projects, web and desktop applications for customers in Czech Republic and worldwide. Some of the clients include:

- Medirecord CZ s.r.o. (WPF and web development – SQL Server, Angular 9+)

- Retigo s.r.o. (ASP.NET Core MVC, SQL Server)

- 5nine Software Inc. (ASP.NET)

- ATS-TELCOM PRAHA a.s. (WinForms)

VP of Engineering at FanWide Technologies Inc. *January 2016 – now*

FanWide is a social network and data platform for sports fans that organizes viewing parties for every team in every city. We are the first service designed to connect millions of sports fans with other supporters of their favorite team at local bars and restaurants that are guaranteed to be featuring their game, no matter where they are located.
My role was the complete architecure design and dev-lead of all applications (backe-end + front-end).

Senior Software Engineer at Certicon a.s. *August 2012 – December 2016*

Architecture design and development of web and desktop applications, database, business services, unit-tests.
Projects:

- Development lead of **WPF application** for controlling of **medical device for radiology**. USB communication with Arduino and embedded devices, HW troubleshooting.

- Architecture and design of **telemedicine** application for US customer. **Application server** with RESTful interface for iPhone, ASP.NET MVC4 **website**. Hosted in **Azure**.

- Implementation of IS for The Czech Customs Administration (MS SQL, ASP.NET 3.5, 4.0).

Senior Software Engineer at Monster Technologies *2010 – 2012*

Software analysis and development of web applications, business services and internal tools. Strong usage of C# and .NET 4.0, jQuery, MS SQL Server 2008.

Projects:
- Development of a **portal for UK Department for Work and Pensions** under BPSS security clearance.
- Trovix **search engine integration** into **US Department of Veteran Affairs** websites:
- Accessibility standards analysis and POC of Monster website according to **WAI-ARIA** definition
- **Monster Government Solutions** projects:

Web Developer at Mercer Health & Benefits *2010*

Software development of application for benefit administration (web user interface in ASP.NET, database and back-end services development and maintenance). Working in international team. Using technologies MS.NET, C#, MS SQL Server, NHibernate, Aspose, SQL Server Integration Services.

Software Developer at Active Web Solutions Ltd *2007 - 2009*

Software development and consultancy for English customers mainly. Worked on projects in an international team, daily communication in English, co-operation on projects with Microsoft. Development in C#, ASP, ASP.NET, DB systems (MS SQL), Windows Forms applications, Windows Mobile, Azure, Teletik, XML, XSLT, CSS.

Projects:
- **MOB Guardian** (http://www.rnli.org.uk/mob_guardian/) is a system designed to help save fishermens lives at sea.

Education
- **Czech Technical University in Prague, Faculty of Electrical Engineering**
  Master, Biomedical Engineering, 2000 – 2007
  Master thesis topic: Design and implementation of system for measurement and evaluation of otoacoustic emissions in frequency ranges 1 – 40 kHz.

Languages
- **Czech** (Native)
- **English** (Full professional proficiency)
- **Spanish** (Full professional proficiency)

Certifications
- MCTS: .NET Framework 2.0 Web Applications
- MCTS: .NET Framework 3.5 Windows Presentation Foundation Applications
- Certificate in Advanced English (CAE)