

Michal Sporek

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My personal website: www.michalsporek.com

My blog: www.michalsporek.com/blog

Date of birth: 27 March 1984

Objective

I am an experienced, passionate and highly-skilled software developer and architect interested about contracting opportunities with a preference given to remote work.

Professional experience

November 2012 - Now

Independent contractor and consultant

Providing services in the following areas:

- Design and development of smart contracts for Ethereum (Solidity language) and NEO (C# language) blockchains. Development of ICOs, development of new crypto currencies and new custom blockchains. Advising on architectural design of solutions based on blockchain technologies.
- Development of software using blockchain technologies, solutions based on Bitcoin blockchain. Blockchain integrations with web and mobile front-ends. Development of cryptocurrency trading software with Exchanges API integrations.
- Software design and development with Microsoft technologies: C# .NET, ASP .NET MVC, MS SQL Server + TSQL, MS SharePoint development, WPF, WCF + webservice.
- Software development in following languages and technologies: C/C++, Python, Perl, PHP, HTML5, CSS3, JavaScript, node.js.
- Development of high-performance application for finance: a Trade Platform project for a London-based hedge fund (C# .NET), a Trading Platform for cryptocurrency trading (C# .NET).
- Design and development of mobile applications for Android (Java), iOS (Objective C), and Windows Phone.
- Architectural design and development of multi-tier computer systems. Consulting on new solutions and further development of existing systems.

August 2010 – October 2012

Visma Software AS, Research & Development, Oslo, Norway

C# .NET Software developer / Software architect

Responsibilities:

- Working on a project including a wide range of technologies: server-side programming with system services, network services (webservice, WCF), database programming and data access layer, desktop front-end (both Winforms and WPF) and web front-end (ASP .NET).
- I have taken part in architectural design and development, maintenance of existing code, testing, communicating with other teams and supporting them on the integrations with my project.

Technologies used:

.NET Framework 3.5-4.5, Active Directory programming, ADAM database, WCF, WPF + MVVM, Winforms, Asp .NET, TFS, MSBuild programming.

September 2008 – June 2010

Future-Processing Sp. z o. o., Bytom, Poland

C# .NET Software developer

Responsibilities:

- Creating a sophisticated, multithreading mail system currently used by a number of London-based maritime and shipbroking companies. I took part in all phases of software development lifecycle including requirements specification, communicating with project managers and analysts from UK (on visits to London, as well as remotely), object-oriented design and development, bugfixing, code reviews, creating documentation and refactoring of legacy code, as well as designing the structure of database.
- I took personal responsibility and succeeded in creating a high performance Windows system service meant for data synchronization between MS Exchange Server and MS SQL Server database (keeping the database up-to-date with any changes made to MS Exchange Server).

Technologies used:

.NET Framework 3.5, Visual Studio 2005/2008, LINQ and ADO .NET, multithreading, Winforms, MS SQL Server 2008 + TSQL, XML, XSLT, .NET Remoting, COM Interop, Active Directory programming, MS Exchange Server + MAPI programming

Certifications

Microsoft Certified Professional (MCP)

Microsoft Specialist in Programming in HTML5 with JavaScript and CSS3

Microsoft Certified Technology Specialist (MCTS):

MCTS .NET Framework 3.5, ASP .NET Applications

MCTS .NET Framework 3.5, Windows Forms Applications

MCTS .NET Framework 3.5, Windows Communication Foundation Applications

Certification exams passed

Exam 480: Programming in HTML5 with JavaScript and CSS3

Exam 486: Developing ASP .NET MVC Web Applications

Exam 503: Microsoft .NET 3.5, Windows Communication Foundation Application Development

Exam 562: Microsoft .NET 3.5, ASP .NET Application Development

Exam 505: Microsoft .NET 3.5, Windows Forms Application Development

Exam 536: Microsoft .NET 3.5 – Application Development Foundation

Development and design skills

- **Microsoft technologies:**
 - C# .NET 4.5, Visual Studio, ASP .NET MVC, WPF + MVVM, Silverlight, Winforms, multithreading applications
 - MS SQL Server + TSQL, EntityFramework, LINQ, ADO .NET
 - MS SharePoint development
 - WCF + webservices, Service-oriented Architecture (SOA), XML, XSLT, .NET Remoting
 - TFS programming and administration, MSBuild, StyleCop, FxCop, unit testing, NMock, NUnit, continuous integration solutions
 - MS Exchange programming + MAPI, PowerShell, MS Active Directory programming, COM Interop
- **Other programming languages and technologies:**
 - C/C++ with STL
 - Python
 - Perl
 - JavaScript, Angular.js
 - PHP, HTML5, CSS3
 - node.js – development of network applications
 - WinAPI and COM programming, Win32ASM, PE file format
- **Programming for blockchain technologies:**

- Ethereum technologies programming with smart contract development in Solidity language, Geth and Web3 programming with JavaScript, using Truffle framework.
- Architectural design and development of solutions based on the original Bitcoin blockchain.
- Programming smart contracts in C# for the NEO cryptocurrency blockchain (the former Antshares).
- **Design and development of mobile applications for:**
 - Android (Java)
 - iOS (Objective C)
 - Windows Phone
- **Architectural design and development of multi-tier computer systems. Consulting on new solutions and further development of existing systems.**

Education

M. Sc. in Computer Science, majoring in **System Software**

September 2003 – October 2008

Silesian University of Technology, Gliwice, Poland

Obtained final grade: **very good with distinction**

Granted academic excellence scholarship for years: 2004-2005, 2005-2006, 2006-2007, 2007-2008

Professional interests

Creating high performance, multithreading and network applications

Code quality assurance

Applied mathematics and data mining