Jozef Čechovský

software engineer, analyst

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PROFILE

Date of birth: 03.06.1988
Nationality: Slovak
Languages: Slovak (L1), English (C1), German (A2)

EDUCATION

Comenius University Bratislava, MSc., 2010 – 2013
Applied informatics, Artificial Intelligence
Master Thesis: Hierarchical categorization of data

Comenius University Bratislava, BSc., 2007 – 2010
Applied informatics
Bachelor Thesis: Software for the competition Robocup Slovakia

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EXPERIENCES

Freelancer, 03/2014 – present
software engineer, analyst

- Implementation of the software for private customers
- Creation of the solution and design proposals
- Designing of the software architecture
- Requirements analysis and correction
- Consultation of the software development processes
- Proposing the testing strategies and tests implementation
- Writing technical documentation

ERNI (Slovakia), 07/2012 – 02/2014
software engineer

- Development of the software for Swiss customers in agile methodologies
- Requirements analysis and correction
- Architectural proposals
- Writing technical documentation

Kedros, 07/2011 – 06/2012
developer .NET, part-time

- Development of the web application
- Preparation of reports templates
- Resolving issues with 3rd party software company.

Datapac, 03/2009 – 06/2011
developer .NET, part-time

- Development of the internal and later customer applications
- Preparing presentations about technologies

SKILLS

LANGUAGES

Advanced	C#, XAML, UML
Intermediate	JavaScript, SQL, HTML, CSS, JAVA, SQL
Beginner	F#, R, C++

FRAMEWORKS, LIBRARIES

Advanced	WPF, jQuery, .NET for Windows Store, MVVMLight, LightInject
Intermediate	ASP.NET WebApi 2, ASP.NET MVC, ASP.NET WebForms, WCF, Entity Framework, ADO.NET, Json.NET, ILNumerics

OPERATING SYSTEMS, DATABASES, ENVIRONMENTS, TOOLS

Advanced	Windows, Visual Studio, Resharper
Intermediate	Git, TFS, SQL Server, SQL Management studio, Nuget, Subversion Enterprise Architect, XmlSpy, Proto.io
Beginner	Linux, IntelliJ, Eclipse, RStudio, Oracle

METHODOLOGIES, PRINCIPLES, PROCESSES

Advanced	Agile, SCRUM, Test driven development, Unit testing, MVVM, Dependency injection
Intermediate	Design patterns, Domain driven development, RUP, Continuous integration, Mocking
Beginner	Behaviour driven development

PERSONALITY   open-minded, willing to learn, communicative, with sense for details, empathetic

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INTERESTS   technical and fantasy books, music, fitness, skiing, technologies

POJECTS

SERVER MODULE AND INTRANET SYSTEM; ONLINE AUCTIONS
04/15 – 06/15, freelancer for Quicksort s.r.o.

Server module is responsible for the taxes calculation, price decomposition, business logic, invoices and orders tracking of the online auction portal Auctionata Intranet system is aimed mainly to manage the data of the server module and to resolve variety of the issues during the auction and e-shop selling.

Roles : development team consisted of 2 developers. My role was mainly development, software architecture, unit and integration testing, bug-fixing, documentation

Methods : agile development

Technologies, tools : C#, SQL, ASP.NET WebAPI 2, ASP.NET WebForms, SQL, Visual studio, SQL Server, SQL Management Studio, Git, GitLab, JIRA, Nuget

WINDOWS STORE APPLICATION; BUILDING SECTOR
03/15 – present, freelancer for Quicksort s.r.o.

Windows store application for the building consultants to track issues and snags from the buildings. Stored and resolved issues are synchronized with server and consultants have quick overview about state of concrete building.

Roles : development, software design, requirements analysis, testing

Methods : agile development

Technologies, tools : .NET for Windows Store, C#, XAML, Json.NET, Git, GitHub Visual studio, Expression blend

WINDOWS STORE APPLICATION; BANKING SECTOR
04/14 – present, freelancer for Smartvikings s.r.o.

Windows store application for premium bank clients providing bank magazines, articles and news about bank and investing sector.

Roles : development, software design, requirements analysis, testing

Methods : agile development

Technologies, tools : .NET for Windows Store, C#, XAML, Json.NET, Git, GitHub Visual studio, Expression blend

QUALITY MEASUREMENT SOFTWARE; TEXTILE INDUSTRY

09/13 – 02/14, ERNI (Slovakia) s.r.o.

Desktop application for textile quality measurement devices. Application is aimed to control device, setting up measurement program, to track and see measurement results in many graphs and visualisations.

Roles : development, software design, requirements analysis, testing

Methods : agile development

Technologies, tools : .NET for Windows Store, C#, XAML, Json.NET, Git, GitHub Visual studio, Expression blend

LOCKING SYSTEM MANAGEMENT SOFTWARE; SECURITY INDUSTRY

08/12 – 08/13, ERNI (Slovakia) s.r.o.

Desktop application for the manufacturer of the mechanical and electronic locking systems. Application is designed to manage access rights of people belonging to locking system and to setting up locking system according to building owner needs.

Roles : development, software design, requirements analysis, bug fixing, unit testing

Methods : agile development

Technologies, tools : C#, MS Visual Studio 2012, MS Team Foundation Server 2012, ADO.NET Entity Framework, Entity Framework code first WPF, XAML, DevExpress, Autofac, MVVM pattern, MS SQL Server, Nuget

ELECTRONIC TOLLING SYSTEM ; TRANSIT INDUSTRY

08/12 – 08/13, ERNI (Slovakia) s.r.o.

Desktop application for the manufacturer of the mechanical and electronic locking systems. Application is designed to manage access rights of people belonging to the locking system and to setting up the locking system according to the building owner needs.

Roles : development, software design, requirements analysis, bug fixing, unit testing

Methods : agile development

Technologies, tools : C#, MS Visual Studio 2012, MS Team Foundation Server 2012, ADO.NET Entity Framework, Entity Framework code first WPF, XAML, DevExpress, Autofac, MVVM pattern, MS SQL Server, Nuget

ELECTRONIC TOLLING SYSTEM ; TRANSIT INDUSTRY
06/11 – 06/12, Kedros a.s.

Web application for the Slovak electronic tolling system that covers all highways and 1st class roads in Slovakia. This system manage all actions like vehicle registration, payments, road tracking, reporting etc.

Roles : development according to functional specifications, designs of screens, creating of report templates, communication with third party software company, bug fixing

Methods : waterfall

Technologies, tools : . #, ASP.NET MVC, jQuery, JavaScript, AJAX, XML, XSD, Silverlight, MS Visual Studio, MS Windows, Stimulsoft Reports.NET

OIL ORDER SYSTEM ; PETROCHEMICAL INDUSTRY
06/10 – 04/11, Kedros a.s.

This system consists of three main parts. The first is WPF application for doing orders of oils, the next part is ASP.NET web application, where user can monitor orders and generate some reports. The last part is web services that executes the actions and contains the business logic.

Roles : implementation web services, ,database queries, data exports, generating PDF reports definition of XSL templates, designing XML structures

Methods : -

Technologies, tools : C#, .NET, WCF, SQL, XML, XSD, XSL, ADO.NET, MS Visual Studio, MS SQL Management Studio, XMLSpy