

Radu Poenaru

Senior .NET Consultant



MSc. Radu Poenaru is a Senior Web developer and Consultant.

He developed for more than 10 years solutions ranging from Delphi desktop applications to .Net Enterprise Resource Planning ones for international companies. For the last 8 years he focused on .Net platform and his main interest is web development. He keeps an edge on the future technologies like ASP.NET MVC and jQuery by actively learn and presenting workshops.

After graduating his master at RWTH Aachen, for the last almost 2 years, he was part of Scrum team and an active Scrum master, developing and driving the project towards deadlines, delivering results no matter if he was part of a RWTH Aachen master's lab or a multi-national company.

Contact:

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Software experience

1 = Expert

2 = Professional experience > 3 years

3 = Professional experience < 3 years

4 = Basic experience, theoretical or self-learned

Programming languages	1	2	3	4
C#	x			
Javascript		x		
PHP			x	
Java			x	
Objective-C			x	
Ruby on Rails			x	
Delphi		x		

Frameworks	1	2	3	4
ASP.NET	x			
jQuery	x			
ASP.NET MVC		x		
LINQ		x		
HTML5 / CSS3		x		
Bootstrap			x	
Kendo UI			x	
Knockout			x	
Ext JS			x	
AngularJs				x

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Communication	1	2	3	4
ASP.NET Web Services	x			
ASP.NET Web API		x		
REST		x		
WCF		x		

Test Frameworks	1	2	3	4
MSTest		x		
Selenium		x		
xUnit		x		
Jasmine			x	

Databases	1	2	3	4
MS SQL-Server		x		
MySQL		x		
MS Access			x	
PostgreSQL			x	

IDEs	1	2	3	4
Visual Studio	x			
Expression Studio			x	
IntelliJ Idea			x	
RubyMine			x	
PHPStorm			x	
Flash/Flex		x		
SQL Server Business Intelligence Development Studio		x		
XCode/Interface Builder			x	

Version Control Systems	1	2	3	4
SourceSafe		x		
Subversion		x		
TFS		x		
GIT			x	

Certifications

- April 2011** Microsoft Certified Trainer
- June 2010** Microsoft Certified Technology Specialist: ASP .NET 3.5
- May 2006** Microsoft Certified Technology Specialist: Microsoft SQL Server 2005 – Implementation and Maintenance
- Mar 2006** Microsoft Certified Business Management Solutions Specialist – Ms Business Solutions – Navision Legacy
- Feb 2006** Microsoft Business Solution Certified Developer: Navision 4.0 C/Side Solution Development
- Jan 2006** Microsoft Business Solution Certified Developer: Navision 4.0 C/SIDE Introduction



.NET Framework 3.5, ASP.NET Applications



SQL Server 2005



From Juni 2014

Front-end developer for Sirona GmbH

As part of the Treatment centers' Software team, I am responsible for the User Interface and User Experience of one of their web solutions. Using modern Frameworks I have designed a fresh, easy to use and appealing front-end.

Responsibilities:

- Software development with ASP .NET MVC 4, Razor views and Javascript;
- Devexpress ASP .Net MVC components – customized design, extensions and creation of new components
- jQuery, Bootstrap, UnderscoreJS
- Continuous integration with TeamCity (incl. new build chains setup)
- Testing with Jasmine and Selenium
- CSS 3 and Less, HTML5

April – Mai 2014

B2B and B2C websites upgrade for Samsung SDS Europe

As ASP.Net and SQL Expert, I was part of the Samsung SDS Europe Ltd German Branch teams. They desired to update their websites' technologies and improve the online services for all clients in Germany, no matter if they were B2B for resellers or B2C towards end-users. My responsibilities:

- Analysis and creation of Prototypes with improvements for their B2B- und B2C-Websites
- Documentation of the results and best practices for future reference
- Install and maintenance of a virtual machine with Windows Server 2008 R2, SQL Server 2008 R2 and IIS 7.5
- Best practices, development and improvements of Websites and Databanks on the virtual machine

Technologies:

- Serverside: ASP .Net (with MVC and Razor Engine), C#, Entity Framework 5
- Client-side: jQuery and jQueryUI, jQuery plugins, Knockout JS, HTML5 / CSS3
- Databases: SQL Server 2008 R2 und T-SQL
- Virtual Machine: Microsoft Server 2008 R2

Jan 2014 – Mar 2014

Consultant/Front-end Webdeveloper - 2nd part

Between full time projects I resumed my remote, part-time collaboration, remotely maintaining and developing features for a Media agency specialized in .Net online shops.

Technologies:

- Server-side: ASP .Net MVC, Linq-to-SQL, Entity Framework, Web services
- Client-side: Kendo UI, Modernizr, KnockoutJS, jQuery and jQuery UI, CSS3/HTML5,
- Databases: SQL Server (also T-SQL skripts)

Okt 2013 – Dec 2013

Consultant/Front-end Webdeveloper

Part of the Front-end development Team for the Administration portal of the Teamviewer GmbH, the leader of the desktop sharing and online collaboration over the Internet.

Technologies:

- ASP .Net MVC
- KnockoutJS, Kendo, UnderscoreJS
- jQuery widgets,
- HTML5, CSS3;

Mai 2013 - Oct 2013

Consultant/Webdeveloper (parttime, remote)

Maintenance and development of new features and modules for Online shops in .Net (Software development, analysis, design, testing)

Technologies:

- ASP .Net MVC,
- jQuery and jQuery UI,
- Modernizr, KnockoutJS,
- CSS3 und HTML5,
- Linq-to-SQL, SQL Server, T-SQL,
- Entity Framework,
- Web services

Aug 2011 – Oct 2013

Senior Software Engineer – Avid Development, Kaiserslautern, Germany

For an international media company, Radu Poenaru develops in the team of core of InterplayMAM, a distributed web architecture using ASP .NET. It allows the import of video and audio files from software and hardware sources, processing, annotation and meta-data generation and interfacing with web frontends and desktop clients. Using Agile techniques in team and sometimes acting simultaneously as Scrum master and developer, he and his team deliver world awarded video and audio archiving tools for the broadcast industry. Additionally, he maintains and develops features for legacy Windows Forms and WPF administrative tools.

He also enjoys organizing and presenting internal workshops on the above themes in the Kaiserslautern branch.

Responsibilities:

- ASP .NET, jQuery and jQueryUi, and ExtJS development
- Evaluation of new frameworks (ASP .Net MVC and Silverlight)
- Software development with .NET and JavaScript
- Quality assurance with Unit and Integration Tests

Technologies used:

- C#, ASP.NET (MVC), Razor Engine
- ASP.NET webservice, MSTest
- SQL 2008
- jQuery, jQuery and jQueryUI, ExtJS
- Microsoft TFS and Accurev

Mar 2010 – Jun 2011

Microsoft Student Partner – Microsoft Corporation, Cologne, Germany

He was acting as an equivalent of Microsoft Evangelist among students. He had organized and presented events ranging from simple one hour talks in student conferences to 2 days workshops on themes like ASP .Net, Silverlight and Windows phone development. Additionally to teaching students cutting edge technologies, he was also involved in several activities, as a media reporter for the students' organization.

Activities:

- Maintenance and development for www.stnc.de – ASP .Net MVC, jQuery and Microsoft SQL 2008
- Presenter of Windows Phone 7 Game development, a 2 days hands-on workshop

- Participation in Microsoft Software Strategy Summit 2010
Three screens and a cloud as MediaReporter
- Participation in Microsoft Student Partner Summit 2010 –
Windows Phone 7 application development
- Presenter of “Silverlight and Microsoft Phone” workshop
- Co-presenter of the “ASP.Net with Visual Studio 2010”
workshop
- Participation in Windows Phone 7 Coding Camp
- “RIA Business Applications” presentation at Springboard
2010 held by MSP Team West

Technologies used:

- ASP.NET Web Forms and MVC, C#, jQuery
- Silverlight
- MS SQL Server
- Team Foundation Server (TFS)

Mar 2010 – Jun 2011

Wissenschaftliche Hilfskraft – at *University of Bonn*

He developed a portal which improved the usability of the process of enrollment for master programs at the University of Bonn, allowing students to have a better application experience. The basis of it is an interactive and dynamic application which has several workflows, involving both possible future students and professors into finding the best candidates. He used Test Driven Development and Agile methodology to create a Ruby on Rails solution with PostgreSQL database, increasing interactivity and data validation with the help of jQuery and jQuery UI libraries.

Responsibilities:

- Web development with Ruby on Rails, PostgreSQL and jQuery
- User experience improvements
- Quality assurance using migrations, unit testing, model validation

Technologies used:

- Ruby on Rails
- PostgreSQL
- jQuery and jQuery UI
- SVN

Mar 2009 – Jul 2010

Studentische Hilfskraft – at *Fraunhofer FIT*

Radu Poenaru designed and developed the applications required for labs and the ones needed by PhD students. He created native iPhone

and iPad applications, Microsoft Surface multi touch solutions, RIA applications using Flex and Flash.

Responsibilities:

- Software architecture, design and development

Technologies used:

- Microsoft WPF and multi touch Surface framework
- MS SQL Server, MySQL
- Objective-C, interface design in InterfaceBuilder
- Adobe Flash and Flex
- SVN

Feb 2007 – Aug 2008

Senior Software Engineer – at *Alensa AG, Romanian subsidiary*

As Team leader and Lead developer, Radu Poenaru maintained and developed the company's website (as a multinational presence) while being fully responsible of the online presence of the company.

Responsibilities:

- Team leading in a geographically distributed and multi-cultural team
- Requirement analysis, documentation
- Software development with ASP .NET
- Server hardware and software maintenance
- Testing and migration into production environment

Technologies used:

- ASP.NET, jQuery, MooTools
- MS SQL Server 2005
- SVN, CVS, VisualSourceSafe

Jun 2006 - Feb 2007

Senior Software Engineer – at *Ubisoft Romania, Bucharest, Romania*

As Senior software developer, Radu Poenaru maintained, in a team, the company's internal Peoplesoft implementation (Enterprise Resource Planning application) – the Canadian equivalent of SAP.

Responsibilities:

- Maintaining and solving bugs of current version
- Development of new features
- Reporting with Crystal Reports
- Software development with ASP .NET Webforms

- MS SQL 2000 & 2005- stored procedures, CLR, views, ad-hoc queries
- Unit testing and migration into production environment

Technologies used:

- PeopleSoft environment
- Crystal Reporting
- .Net C# web forms
- MS SQL 2000 & 2005 - stored procedures, CLR, views, ad-hoc queries

Dec 2005 – Jun 2006

Microsoft Business Solution Software Engineer – *Novensys, Bucharest, Romania*

Radu Poenaru, as part of the core team, developed and configured using the customers' specifications new features, did interface design, reports using custom Navision Reporting. He improved the stability of the delivered solution by using unit testing and data validation. The solutions required also customizations and configuration of native Navision database.

Responsibilities:

- Customize the Navision ERP for customer's needs
- View/Edit Forms development
- Reports with custom engine

Technologies used:

- C/Side language
- Navision ERP and Navision Custom database

Jan 2004 – Dec 2005

Senior Software Engineer – *TotalSoft SA, Bucharest, Romania*

Huge Romanian company, big challenges! He started as Engineer in Business Commander team, developing the most used ERP solution for pharmaceutical warehouses in Romania, developed custom solutions for the Ringier Group and started working on the first Mobile development solution available in the country on WinCE for Pharma industry. Also he succeeded in a very challenging task, providing solutions to switch from ROL to RON for several projects.

Responsibilities:

- requirements elicitation
- business layer development
- testing and bug fixing
- product customization for each customer needs
- document flow optimization

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- database development
- data transfer and coherence verification
- WinCE application maintaining and development
- Software development with ASP .NET

Technologies used:

- Delphi 6, 7
- Crystal Reports 7, 8.5, 9
- Net C# Webforms, Winforms
- WinCE programming for Palm
- MS SQL Server 2000
- Custom Delphi controls

Jan 2002 – Jan 2004

Team leader and Senior Software Engineer – *Softwise Development*

Radu Poenaru developed and supervised IT projects to be conform to specification on time and budget, testing, documenting IT policies, scheduling the project tasks, maintaining the IT security in line with group.

Responsibilities:

- Leading the team
- Software development
- Custom controls development
- Quality assurance

Technologies used:

- Borland Delphi 7 Enterprise
- ADO and Microsoft Access
- Windows API programming
- in-house developed custom controls

Focus areas

Interests

Software & IT-Consulting
Middle and small companies

Work focuses

Agile Software development (Scrum)
Test Driven Development
Domain-Driven Design (DDD)
Object Oriented Programming (also reusable controls design)
Web, Desktop and Touch design

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Programming Languages

C#, Objective-C, Delphi, JavaScript using jQuery, PHP, Rails

Web technologies

ASP.NET WebForms, ASP.NET MVC, ASP.NET Web API, CSS3, HTML5, JavaScript, jQuery, AngularJs, Kendo UI, ExtJS (Sencha)

Web Services

Web Services, PHP, Ruby on Rails, XSLT, WCF, SOAP, WSDL, REST

Operating systems

Microsoft Windows Server, Microsoft Windows

Databases

MS SQL Server, MySQL, PostgreSQL

Integrated Development Environments

MS Visual Studio, Eclipse, PHPStorm, IntelliJ Idea, RubyMine, Adobe Flash and Flex, XCode and InterfaceBuilder

Education

2008 - 2011

RWTH Aachen University, Bonn-Aachen International Center for Information Technology B-IT

Media Informatics Master Program

2004 – 2006

Faculty of Electrical Engineering, University Politehnica of Bucharest, Romania

Master Degree in “*Technical and applied magnetism*” – Research center MAGNAT

1998 – 2004

Faculty of Electrical Engineering, University Politehnica of Bucharest, Romania

Bachelor degree in Electrical Engineering, Computer assisted electrical engineering

Language skills

English – advanced level, fluent in speech, writing and reading

German – medium level

French – medium level

Romanian – native speaker

Contact data

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