

## Bojan Skrchevski, Software Engineer / Architect

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*Highly experienced Information Technology professional with proven international expertise in all aspects of software architecture and development. Technologies I use mainly gravitate around MS .NET C#, with strong database design/management skills in SQL server. Past experiences include work in C++ and Java based technologies as well.*

### **Suitable assignments:**

Development, software architecture, analysis, design and software performance optimization

### **Skills and characteristics:**

Having dealt with a plethora of technologies and programming languages in the past, in the last few years I have settled for C# .Net backend of large systems with (mostly) millions of users. I also like to think of myself as a specialist in performance optimization of such systems.

### **Previous costumers:**

H & M  
Xylem  
Rebtel  
6PM Holdings PLC  
cVidya  
PrimeSense  
Rosslare Security  
Renault/Nissan/Honda

### **Education:**

2000-2004 Computer Science - Univerzitet "Sv. Kiril i Metodij", Skopje.

### **Programing languages:**

C#, JavaScript, Sql, powershell scripting, Java

### **Tools:**

Visual Studio 6.0 - 2015, Azure, TFS, Svn, Git, Visual SourceSafe, Eclipse, Jira, Bitbucket

### **Methods & processes:**

Agile methodologies (Scrum, Kanban, SAFe).

### **Operating systems:**

Windows, Linux, Unix, MacOS

### **Technical platforms & Frameworks:**

Performance, optimization, large-scale systems, C#, .NET Framework, REST APIs, ASP.NET (MVC), WCF, WPF, Winforms, MS SQL Server, Azure, Oracle, MySQL, PostgreSQL, big-data analysis, some NoSql(MongoDB, Cassandra)

### **Previous employments:**

2017- Mainpipe  
2015-2017 tretton37  
2012-2015 Rebtel  
2011-2012 6PM  
2008-2011 Matrix-global  
2004-2008 EIN-SOF

## Previous experiences and assignments

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### **Team Visual. Assortment Plan. H&M Software Development**

Working on development of internal software tools used for visual assortment planning of new clothing collections. These visual clients are integrated in H&M's enterprise architecture so they are heavily dependent on the enterprise back-end and integration with other systems. The tools developed are also "always connected" - "real-time" systems. They use WCF and SignalR for communication, meaning many multi-user scenarios are being handled.

Technologies: C# .NET, WPF, WCF, performance, TDD, SignalR, SqlServer, Azure, EventBus

Performed: June 2015 – December 2016

### **Rebtel AB, Core Systems Development**

As part of the core team taking part in development, architecture and improvement of the Rebtel platform - a set of server-side back-end services that are used by the app and the web teams and external partners.

Everyday work included: RESTfull APIs development, Rebtel developer platform for external partners

(<http://developer.rebtel.com/> - later turned into a separate company called Synch), Various internal REST services for calling, payment, messaging etc., Database maintenance and expansion, Object-oriented architecture, design, refactoring, tdd.

Technologies used: c#, .net, wcf, performance, backend, web-api, tdd, architecture, rest

Performed: August 2012 – February 2015

### **NHS UK, HIV research internal project, Senior Software Engineer / Team Leader**

Large-scale enterprise project for the medical industry in the UK for HIV research. I was involved development, analysis, design, architecture, optimization, creation and maintenance of a data access layer using Entity Framework 4, database maintenance and expansion, development of user interface for adding and editing data, development of various patient data management modules etc.

Technologies: c#, asp.net, ajax, telerik, sql-server, entity-framework

Performed: February 2012 – July 2012

### **Wao Denmark, Software Development**

Development of web based solutions, migration, and processing of huge amounts of data using .csv files input from clients. Providing communication between several of the clients' systems while processing large data without compromising either side's service availability.

Technologies: c#, .net, asp.net, wcf, sql-server, telerik

### **PrimeSense, Israel, Software Development/Team Lead**

Development of SW-ATPs testing application on Prime Sense Software Developer's Kit API (PS-SDK) and Prime Sensor Board. Communicating with the Prime Sensor Board through a low level library in C++. Providing a communication interface through Interop for a .NET application to communicate with the PrimeSensor. Developing a xml test definition interface for the Prime Sensor Board. Client user interface for test definition, execution and measuring performance.

Technologies: c#, c++, asp.net, xml, silverlight, winforms, sql-server

Performed: July 2008 – February 2009

### **Renault, Nissan, RSM, Dacia, Software Development**

Automotive diagnostics software for Johnson Controls; SPX Service Solutions for clients including: Renault, RSM, Dacia, Nissan. I have been included in development of many projects. Here's a list of some of them:

- Vehicle Simulator - Development of vehicle simulator for diagnostics of Renault vehicles.
- BaCC tester - Development of Borneo and Compatibility Components tester and add-ins. Development of tests according to XML format.
- Bypass Multiplex Network Test - Bypass Multiplex Network Test module as an evolution of the CLIP automotive diagnostics tool, which enabled new Dacia brands to be diagnosed.
- NOUVEAU REGLEMENT D'EXEMPTION – NRE - Application for extracting ECU data from a CLIP CD into PDF files for publishing on general after-sales market.

Technologies: c++, java, xml, postgresql, sql-server

Performed: May 2004 – July 2008

*Detta är en sammanställning av de konsultuppdrag vi tycker är relevanta i sammanhanget och utgör i de flesta fall inte konsultens totala yrkeserfarenhet. Se även "tidigare arbetsgivare" på första sidan för mer information.*

Performed: September 2011 – February 2012

**British Telecom, Mobilkom Austria, Swisscom, Bezeq International and others, Profesional Services**

Revenue assurance projects targeting areas where the customer suspects' revenue is leaking from the business.

The approach is intended to be tactical and rapid in detecting and, where possible, recovering revenue. This is achieved by analyzing data from the customer's systems for different products and identifying discrepancies which have a financial impact.

Technologies: sql-server, oracle10g, ssis, cvidya internal tools

Performed: June 2009 – April 2010

**Rosslare Security, Israel, Software Development/Team**

**Lead**

Web application development that gives users of Rosslare SP07 security system ways to configure their home security devices.

Also development of SP07 device simulator as Windows

Forms application. Development of SP07 device simulator.

Communication interface for the web application to be able to communicate with the SP07 security devices. Web configuration and control for the SP07 devices.

Technologies: c#, c++, asp.net, xml, silverlight, winforms, sql-server

Performed: February 2009 – July 2009.

