

# ZORAN MAKSIMOVIC

## Technical Team Lead/Solution Architect



Solution Architect Lead with 20 years of professional experience with a wide background in Client, Server and Web application development and extensive knowledge of the full project's life cycle management. Hands on application development.

Team leader with experience in managing local or offshore teams in a multicultural environment. Results driven, delivery focused with a successful project delivery track record.

Particularly interested in designing software by applying Domain Driven Design (DDD), Distributed Computing, Event Driven Architecture, Service Oriented Architecture (SOA), CQRS/ES, Microservices, NoSQL Databases, Entity Relationship Modelling, N-tier architecture, Web Development and Agile Methodology.

### Personal Skills and Competences:

- Vast experience in designing software architecture and developing applications.
- Solid knowledge of distributed computing, reactive systems, event driven architecture, scalability, security and applied agile methodology.
- Demonstrated ability in evaluating requirements for business and service activation.
- Knowledge and appliance of the DevOps procedures and other programming practices.
- Ability to “think-big” and to design an efficient strategic roadmap for software.
- Proven ability to build teams and mentoring/coaching, with expertise in communicating across organizational levels and with cross-functional teams to drive shared vision and foster culture of excellence.
- Skilled in application development, especially but not only, in the Microsoft area.

### Areas of application programming expertise

- **Technologies:** ASP.NET, ASP.NET MVC, ASP.NET Web API, SOAP, REST, ServiceStack, WCF, Nancy, JavaScript, Akka.NET, JSON, XML, jQuery, CSS, Twitter Bootstrap.
- **Programming languages:** C#, JavaScript, PowerShell, Visual Basic, VBS, VBSA. Knowledge of: Java, and F# and Python.
- **Database Technology:** Microsoft SQL Server, Microsoft SQL Server Broker, SSIS, SSRS, Oracle, MySQL, MongoDB. Currently looking into Elastic Search.

### Book authoring

- **Book Author:** [ServiceStack Succinctly](#), [MongoDB 3 Succinctly](#), [Akka.NET succinctly](#)
- **Technical Editor:** Twitter 2 Bootstrap Succinctly, Twitter 3 Bootstrap Succinctly, ASP.NET Web API Succinctly, NHibernate Succinctly, PRISM 4 Succinctly, MongoDB Succinctly, Delphi Succinctly, Data Capture and extraction with C#. For further information: <http://www.synconfusion.com/resources/techportal/ebooks>

## Spoken Languages

Italian	Native speaker
Serbo-Croatian	Native speaker
English	Fluent

Russian	Fluent
German	B1 Level (Zertifikat Deutsch)
French	Conversational

## Employment History

**June 2018 – today**

### **Head of IT Development Risk Modeling at SCOR (Zürich)**

Leading projects in the Consolidated Capital Modeling area, and a set of a state-of-art Risk Management engines by using technologies like: Python, Docker, Apache Spark, Apache Hadoop, Linux, PostgreSQL, Oracle in a quite complex environment. At this moment working on migrating the solution on Microsoft Azure public cloud.

Currently leading (from the IT side) three different projects in this area (CRO, Life and P&C). My team consists of 10 developers spread across locations, and a tight collaboration with Business and IT stakeholders.

**May 2007 – June 2018**

### **Solution Architect / Application Owner– Associate Vice President at Credit Suisse AG (Zürich)**

During the 10 years I have changed several roles on the project, such as Developer, Senior Developer and since 2011: Technical Team Lead, Application owner and Solution Architect.

Responsible for the planning and leading the teams in Poland (previously India) and Switzerland.

Main stakeholder for designing the solution architecture, implementation and delivery of a suite of trading applications in the FX Options and FX Structured Deposits area by using Microsoft.NET, SQL Server, Oracle and Java technology.

Swiss point of contact for the platform, actively collaborating with teams based in New York, London and Singapore in order to ensure the integration, delivery and quality of the developed applications used by Front and Middle Office Sales, Traders and Relationship Managers based in EMEA and Switzerland.

**August 2006 – May 2007**

### **Senior Software Developer at Quartal Financial Solutions A.G (Zurich)**

Senior Software Developer of one of the company's core product, which is a professional reporting platform, specifically designed for the funds and Asset Management industry.

Worked on the analysis, conception, realization, testing and maintenance of the solution, mainly implemented by using Microsoft.NET (Web/Client Server) framework, NoSql database and Oracle/SQL Server RDBMS as the backend.

I acted as well as the Technical Responsible for the delivery and customization of the product for a number of customers.

**September 2005 – August 2006**

### **Freelance Software Developer at Kepler Equities (Paris – France)**

Worked on the overall design, architecture and development of company's CRM and Document Generation solution which is used by the Equity Research, Marketing and Asset Management company division.

Emphasizing well-thought-out solution, robust implementation, and delivery of reliable products mainly developed in Microsoft.NET.

The implemented CRM solution has been successfully sold and customized for other companies worldwide.

**January 2005 – August 2005**

**Business Analyst – Software Consultant at Serin S.A (Lugano – Switzerland)**

Responsible for the requirements analysis and implementation of a Client-Server software solution in the Credit-Cards business.

**July 1999 – January 2005**

**Software Consultant at IrisCube S.A. (Lugano - Switzerland / Milan - Italy)**

As a Software Consultant dedicated to the prototyping, planning and development of Web and Client Server applications for companies in the Banking industry in the Canton Ticino (Switzerland) and Milan (Italy) area, with the main focus on Web Application development.

## Education

- Credit Suisse Business School for IT: Derivatives: Options, Forwards, Futures, Swaps, pricing models, Black-Sholes, exotic options... (Zurich – Switzerland) - 2009
- Computer Science (Scuola superiore d'informatica di Gestione / WirtschaftsInformatik) (Bellinzona - Switzerland) - 1999
- Professional school of Accounting (Scuola Media di Commercio) (Lugano - Switzerland) – 1996

## Certificates (the most important ones)

- Finished TOGAF course, currently preparing the TOGAF certification (2018)
- Project Management GPDS (2012)
- Service Oriented Architecture Design (2011)
- Zertifikat Deutsch – Goethe Institut (2009)
- Certified Scrum Master – Scrum Alliance (2008)
- Business Awareness Programme – Investment Banking for IT (2007)

## Seminars

Constantly keeping with the latest technology trends. Attended large number of courses / seminars including: Microsoft Azure Cloud Computing, Enterprise Architecture, RUMML Applied, Microsoft.NET app development, SQL Server Performances and optimizations, Introduction to Java Programming, Relationship Management, Time Management, Effective Communication Management, Conflict management, and many others...

## Awards

Credit Suisse Zürich – Cross Asset sector excellent performer (AAA) in 2009 and 2013.

## Personal Projects

- Owner of the blog [www.agile-code.com](http://www.agile-code.com), writing about agile project management, software development, architecture and other IT related concepts. Collaborating with other authors (currently under maintenance).
- Author of [Google DataTable .Net Wrapper](#) open source library. Currently hosted on GitHub and NuGet. More than 70'000 of total downloads at the time of writing.

- Creator of [ServiceStack.ContainerAdapter.Unity](#), library that integrates Microsoft Unity to ServiceStack framework.
- Currently working on an Open Source Projects called: [Simple Event Processor Engine](#) that enables the easy integration and processing of events (messages).
- As a side project, with a partner based in Tokyo (Japan), working on a Content Management System (blog, e-commerce, knowledge management, ...).