

# Riccardo di Nuzzo

Based in London, NW3

Mobile phone 07902 377704

Personal blog <http://www.dinuzzo.co.uk> E-mail [riccardod@libero.it](mailto:riccardod@libero.it)

Github: <http://www.github.com/riccardone>



Database Development  
Database Administration  
Web Development  
Enterprise Application Development



Enterprise Applications Developer



Database Administrator 2008



SQL Server 2005



.NET Framework 4, Web Applications



MySQL 5.0 Database Administrator



## Certifications

Professional SCRUM Master I

MCT: Microsoft Certified Trainer

MCPD: Enterprise Applications Developer

MCITP: Database Administrator 2008

MCTS: .Net Framework 4, Web Applications

MCSD: .Net Microsoft Certified Solution Developer

MCDBA: Microsoft Certified Database Administrator

Sun Certified MySQL 5.0 Database Administrator (SCMDBA)

Eucip CORE (Plan, Build, Operate)

Associate Mule Developer 3.3-3.4

## Education and qualifications

- MCT (Microsoft Certified Trainer)
- Master in "INFORMATION TECHNOLOGY and Business communications" Bologna University
- B.A. Law degree Final year: Dissertation in " Legal Information Technology" Title: "A web based platform to support teachers and students"
- High school of programming

## Specializations

Architecting and implementing horizontally scalable single purpose Micro-services. Gave guidance to teams on best practices for development including how to work with previously unused technologies and methodologies eg: Microservice distributed architecture, Docker and Docker Data Center, AWS, EventSourcing, EventStore, NServiceBus, BigData and stream processing.

Extensive experience building development teams; communicating with stakeholders including

board, investors, customers and working with technology partners. I have designed and implemented coding and design standards and best practice.

My team delivers software using methodologies such as Scrum, XP, Kanban and Continuous Delivery / Deployments / DevOps

General understanding of Financial Services

Strong work ethic and passionate about quality and 'getting it right'

## ***Professional Experience***

January 2015 – Present

### **Associate Director, Application Architect and Team Leader Calastone Ltd (London) Fintech**

*Calastone is a financial technology company connecting trading partners through a transaction network*  
C#, Java, Clojure, Big Data, Microservices, EventSourcing, ElasticSearch, Docker, Team Management (60% hands-on, 40% managerial tasks)

- I have led multiple successful digital/technical transformations for the core business
- I have been a mentor for Domain Driven Design and distributed architectures.
- I redefined the Agile methodologies for the teams introducing grooming sessions, sprint reviews, stories, acceptance criteria and estimation. I applied both SCRUM and Kanban depending on the stage/maturity of the project and requirements.
- I modernized a legacy large codebase to bring it up to production and implemented and integrated a series of modern Microservices around it.
- I designed a new scalable high concurrency Microservice architecture for a brownfield project providing Proof of Concepts and presentations for the business stakeholders and working examples and training for the teams
- I implemented a set of Microservices that formed the backbone of the new architecture and lead the implementation of the future ecosystem
- I helped the business to define release plans and to translate business requirements into concrete action plans.
- I managed a polyglot team of Developers – recruiting, training, mentoring, day to day delegation, conducting 1:1s and making a valuable contribution to their career growth, creating a productive and collaborative team ethos
- Continuous Integration, Automatic Delivery and release manager tools and procedures
- Lead the team to produce high value code to the agreed specifications and prioritization
- Select technologies, patterns and design solutions to address business needs
- Provided management level technical and non-technical presentations on the architecture and how this addresses current and upcoming client needs
- Created a brand-new Ingestion System for stream processing of Big Data combining multiple Docker Containers for horizontal scalability
- Redefined the DevOps QA workflow introducing Docker Linux containers and Docker Data Center

August 2012 to December 2014

### **Senior Developer, Scrum Master Kaplan International (London)**

*Multinational firm offering courses for Professional Development and Career Progression, Headquartered in the US*

C#, .Net MVC up to 4.5.1 and WEB Api 2 – Agile SCRUM master – BDD – TDD – Angular - Javascript – Mule/Java - GIT

- Developing new applications public facing and/or for internal use, I defined the architecture and developed the new company service layer using .Net Web API and Mule Cloud. Interacting with other services like Salesforce.
- Working as a hands-on Software Architect and Scrum Master, I was also responsible for helping the teams following good coding practices and organizing tech talks.

- During my time at Kaplan, I also created a Price Rule App and a Price Processor that dynamically applied promotions and defined the live prices. When it was necessary, I refactored existing legacy systems to fit new requirements.
- I also contributed to the implementation of a service oriented booking engine component. I was responsible for designing the messaging architecture following service oriented patterns and practices.
- Below is a summary of some relevant projects and responsibilities:
  - I created a web app to provide features for Agents around the world applying different strategies depending on the country using C#, Asp.Net 4, Web Api, Knockout Js
  - I optimized the performance of the legacy booking engine
  - I built a layer of REST services to expose internal data to clients (website, mobile apps) using C#, WebApi 2.1
  - I built a Single Page Application using AngularJs and Web API 2.1 responsible for creating and maintaining Price Rules and creating a Price Rules Processor component to apply rules to prices using C#, Asp.Net 4.5.1, Web Api 2.1, Angular Js
  - Designed and developed the architecture of the new booking engine using Mule, Java language and Eclipse
  - Set up Agile rules and took on the role of hands on Scrum Master for different teams and projects
  - Source control using GIT and GIT Flow as branching model

August 2011 to June 2012

**Permanent Senior Web Developer  
EasyJet (London)**

*EasyJet is a British airline, operating under the low-cost carrier model, based at London Luton Airport*  
C#, .Net MVC 3 – Agile – BDD – TDD

- Developing new features and fix defects for the main website.
- Performance tuning. Working with technologies like Team City, Git, XUnit, SpecFlow, NServiceBus.
- I was part of a team following strictly Agile methodologies. Our environment was constrained by TDD and BDD tests with a continuous integration server. I worked in an agile team, with poker planning sessions, retrospective, stand-ups, pair programming, sprint planning estimation and tasks extraction.
- I enjoyed this environment, rich in software tools in order to apply unit and BDD tests, managing database version updates with liquibase and many other amazing tools and frameworks.
- I spent a lot of time around performance optimization and monitoring one of the most visited ecommerce websites in Europe.
- In some of the projects that I was involved in, I worked heavily with a Service Oriented and High scalable architecture, using technologies like NserviceBus and WCF and always adapting new features able to work with legacy components.

March 2011 to August 2011

**Permanent Web Developer  
Wiggle Ltd (London)**

*Wiggle Ltd is an online retailer of cycle, run, swim and triathlon products*

C#, .Net MVC 3 – Analysis Services and Sql Server Integration Services – BDD – TDD

- As a Software engineer I was involved in different projects in an Agile team. These projects were about Microsoft Olap Business Intelligence, Asp.Net MVC 3 with JQuery and a project for testing using a BDD approach.
- The Business Intelligence project gave me the possibility to create from scratch a data warehouse and all SSIS ETL packages required to fill data. The Asp.Net MVC 3 gave me the possibility to add MVC 3 support to a legacy MVC project and convert existent view with the new Razor syntax. For the testing project, I used SpecFlow library to define tests similar to user behavior (BDD) and I also used Watin as the engine to automate user interface actions.

September 2007 to February 2011

## **Microsoft Certified Trainer Overnet Education**

I worked as a Teacher in Overnet Education Company for whom I delivered courses in the fields of development, distributed applications, web and database. It is one of the most important technical educational centres in Italy. My regular courses were about Asp.Net, WCF, Html + Javascript, SqlServer, MySql.

You can find out more information about my Teaching and Training career in Italy here (Italian):

<http://www.overneteducation.it/DettaglioTeacher.aspx?cod=RDN>

February 2007 to December 2007

### **Emilia-Romagna public company**

*C # - Fw 2.0 - Asp.Net - SQLServer2005*

I worked as software engineer and one of the main projects was an internal Web application for theatre management located in the region of Italy called Emilia-Romagna.

*From January 2006 to February 2007*

### **Criff s.p.a. <http://www.crif.it/>**

*Offers models, consultancy and management solutions, software, business information to support finance, insurance, utility and service companies*

I worked as a Software Engineer Consultant for this Italy's most important fintech company. During this time, I developed an important C# library to connect legacy host systems with web services and api libraries.

*From 2003 to 2006*

### **Ascentive srl**

*Software House*

In this Software House I worked as Project Leader dealing with the development of web and desktop applications in the Banking and Public Administration area. I was involved in applications for Human Resources control used by Banks and Public Administration.

*From 1997 to 2003*

### **PHP WebDeveloper, freelance**

Developed several small to medium sized websites

## **Other skills/Interests**

- In my spare time, I developed a free Mobile application called Catch-Me <http://www.catchme.info>
- I'm a contributor of EventStore open source project <https://github.com/EventStore/EventStore>
- I'm studying Machine and Deep Learning
- Speaker 2008 2009 2010 at the Microsoft TechDays – WPC events
- YouTube channel <http://www.youtube.com/user/TheRiccardone70>
- Passion for reading, running, playing piano and scuba diving