

# BODOIRA Marco

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## Personal data

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## Professional career

### Since 2013

Consultant at **Avanade**, a Joint venture company between **Accenture** and **Microsoft**, offering Microsoft-focused consulting services.

**Cloud developer** on **Microsoft Azure**, working on maintenance of Ecodrive Backend, a global service receiving daily trip details from FCA vehicles.

Solution expert on embedded systems, working as **Software Architect** on automotive infotainment project for FCA, with a team composed by 10 developers, delivering in Agile. The project is an **IoT** solution applied to **connected vehicles**: the application is available on car radio navigator, offering connected services like streaming radios, Reuters, Facebook, Twitter, car maintenance reminders, driving style evaluations and OTA updates.

**Developer lead** for an infotainment project applied to **trucks** (Magneti Marelli for Iveco). Customer and validation interface for issues reported from field.

[www.avanade.com](http://www.avanade.com)

### 2008 - 2013

Software engineer at **BEPS Engineering**, Microsoft Embedded **Gold Partner** focused on product development and embedded systems consultancy.

Leading developer of intelligent systems solutions and .Net/C++ applications for Windows operating systems family (Window CE, Windows Mobile, Windows Phone, Windows and Windows Server).

**Official trainer** for *Microsoft Windows CE and Windows Embedded 8 Standard*.

[www.bepseng.it](http://www.bepseng.it)

### 2005

Contractor at **movitrack s.p.a.**, a company offering car's satellite surveillance.

I developed an **asp.NET** website for trucks fleet management, supported by GPS devices.

[www.movitrack.it](http://www.movitrack.it)

### 2005

Workshop at a Polytechnic's laboratory as software developer. I developed a C# application to remotely manage all computers in the lab.

### 2005-2007

Campus Software Distribution coordinator, managing **collaboration between polytechnic and Microsoft Italia**, local site administration, and **MSDNAA**.

## Education

### 2006 - 2008

Master of Science degree in Computer Science Engineering at Polytechnic of Turin.

Grade: 101/110

Thesis argument: audio conference in a WLAN network ad hoc among smart devices (**windows mobile**) and streaming audio in a multicast network between a router and smart devices.

### 2002 - 2006

Bachelor of Science degree in Computer Science Engineering at Polytechnic of Turin.

Grade: 95/110

IT Engineering University

### 1997 – 2002

Scientific high school degree at Liceo "G. Galilei", via Don Bosco 9, 10073 Ciriè (TO)

Grade: 80 /100

## Competitions & Awards

### 2011-2014

Nominated for 4 years in a row **Microsoft Most Valuable Professional (MVP)** in recognition of my support and contribution to the embedded developer community.



### January 2010 – April 2010

#### 1<sup>st</sup> place worldwide at Microsoft embeddedSPARK 2010 Challenge

International competition where I submitted my embedded project related to the theme "*Fun and Games*". Among the 151 proposals from around the world, my project arrived in first place and I won a trip to *San Jose (CA)* where I presented my demo at the **Embedded Systems convention (ESC)**, after the Kevin Dallas's keynote and Microsoft awarded me with \$15,000.

The **Guitar switch** is a device that allows you to modify the sound of your electric guitar, play tracks, record yourself, download new effects and watch video lessons. The application runs on *Windows CE 6.0* and has a rich GUI made with *Silverlight for Embedded*.

*Main activities and responsibilities:* developer, software architect, video spot creator, speaker.

### Summer 2008

#### Tourism & Innovation award at Start CUP Torino Piemonte

The Start CUP is a regional competition where the participants propose the best business projects, innovative and high-knowledge. Working on a team, we did a business plan of Wander Tip, the technical project is described below.

### February 2007 – June 2007

#### 2<sup>nd</sup> Italian Place at Microsoft Imagine Cup 2007 Software Design

The Software Design Invitational calls on students to create technology that dissolves the boundaries between us. Competitors are called on to design and develop new applications that demonstrate innovation on the .NET Framework and Windows platform.

**Wander Tip** is a useful and amazing mobile application that allows you to visit the city where you are, without a guide. It downloads from the web directly on the smart device the itineraries available in range and shows the path to the user, giving information with audio tracks and pictures. The power of the project is the possibility for everyone to make a path and sharing it with the community on the web.

### May 2006 – April 2007

1<sup>st</sup> regional place at **Global Management Challenge** 2006-2007 (National Finalist – 4 Rank)

Each team has been tasked to manage a virtual company. The teams then develop the virtual company by making a series of decisions relating to every aspect of the business. Their decisions are run through sophisticated business simulation software, which generates in-depth management reports.

## Technical courses and training

- **Scrum developer & Scrum Project Manager** Avanade courses, September 2016.
- **Train the Trainer** course on *Windows Embedded 8 Standard* in Paris, April 2013.
- **Global Microsoft MVP Summits** in Seattle, November 2015-2014, February 2013, March 2012.
- Speaker at **TechEd2010** in Berlin, October 2012.  
TechEd is Microsoft's premier technical education event providing the most comprehensive technical training on Microsoft's suite of products, technologies, solutions and services.
- **Hands on Lab** at the **Microsoft Embedded Seminar** in Bologna, February 2009.
- **Tech-Ed EMEA 2008** in Barcelona, October 2008.
- During 2008 I attended following courses:
  - Windows Embedded CE – base course & advanced course
  - Building Solutions Using Windows Embedded CE 6.0 R2 - Official Course
  - Windows XP Embedded - Official Course

## Certifications

- **Microsoft Certified Professional** on **Developing Microsoft Azure Solutions**, September 2017.
- **Microsoft Certified Technology Specialist** on **Windows Mobile 6.5**, 2010.
- **Microsoft Certified Technology Specialist** on **Microsoft Windows CE 6.0**, May 2009.



Windows Embedded CE 6.0 Developer  
Windows Mobile 6.5, Application Development

## Personal Competences

I am interested in exploring new technologies and finding their potential.

- Active member and speaker at Microsoft technology community [TTG - Torino Technologies Group](#).
- I wrote technical articles in a newsletter about design for mobile devices on [expression.microsoft.com](http://expression.microsoft.com), this article has been accessed 500.000 times:  
*Building Graphically Advanced Applications with the .NET Compact Framework 3.5*  
<https://msdn.microsoft.com/en-us/expression/dd279543.aspx>
- Excellent skills in .Net Platform (Windows Mobile dev, Windows CE dev, Windows Phone dev, Windows Presentation Foundation, Windows Communication Foundation, Web Application, Windows Forms, Windows Modern UI-Style)
- Integrated Development Environment: Microsoft Visual Studio, Blend
- Primary Languages: C#, C++
- Other Languages: WPF, XAML, C, Vb.net
- Cloud development: Microsoft Azure
- Platforms: Windows 10, Windows 8, Windows 7, Windows XP
- Data Management Application: SQL Server