

# WCF End-to-End

Welcome and Course Description

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# **The Course**

- **Coverage of Windows Communications Foundation from Zero to Hero**
- **Will cover everything you need to plan, design, and write services using WCF**
- **All the tweaks, tips, and tricks**
- **Full rundown on WCF characteristics – what really makes it differ**
- **Will cover both sides of the wire in full**
- **How to implement correctly and make the right choices**

# Who Is This Course For?

- Those with no prior WCF knowledge
- Those with prior WCF knowledge
- SOA developers
- The middle or back-end developer
- Web API developers
- Skeptics
- Reusability nuts 😊
- Those with paranoid deployment departments
- Architects with a taste for code
- Coders with a taste for architecture
- Geeks high and low
- Everyone else

# Who Am I

- **Just call me Miguel**
  - Code Conquistador if you prefer
- **Consultant & Trainer**
- **Microsoft MVP since 2005**
- **Speaker of groups and conferences**
- **Formula 1 fanatic**
- **Proud husband and father**
- **Pluralsight author**
  - Building Multi-Client End-To-End Service Oriented Applications
  - Developing Extensible Software
  - Building Multi-Client End-To-End Service Oriented Applications
    - *Angular Edition*
  - WCF End-To-End

# Course Agenda

- Service Orientation – Architecture, Design, & Applications
- Essentials: Contracts & Services
- Essentials: Hosting & Service Configuration
- Essentials: Proxies & Client Configuration
- Processes & Threading
- Bindings & Behaviors
- Metadata Exchange
- Instancing & Concurrency
- Faults & Exceptions
- Transaction Handling
- Operations
- Securing Services
- Patterns of Implementation

**GET READY TO HAVE SOME FUN !**