



# Paolo Cattaneo

## Software Engineer

### CONTACTS

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 Binasco (Milan)

### PROFILE

I am a passionate Software Engineer, devoted to Software Design & Development, with experience in the *RTLS*, *IoT* and *Industry 4.0* worlds.  
 I have a specific interest in the *Backend* world but during my professional experience I've always covered a *Full stack* role. I swim almost smoothly inside the *Microsoft* environment (.NET Framework, .NET Core, C#, WPF, SQL Server).  
 My goal is to never stop getting *better* and learning *new* instruments, technologies and contexts.

### PROFESSIONAL EXPERIENCE



**Software Engineer**  
 JAN 2019 – Now  
 Milan

Various projects as Full stack Software Engineer, designing and developing software solutions with complex architectures and multiple actors, one of them being the main product of Ubiquicom.

Tags: RTLS, IoT, Industry 4.0, BLE, UWB .Net Framework, WPF, .Net Core, software on Raspberry, MySQL, SQL Server, API, REST, MQTT, Protocol buffer, ZeroMQ



**Consulting  
Software Engineer**  
 NOV 2018 – JAN 2019  
 Milan

Refactoring and modernization of the whole web Backend ecosystem of Allianz.

Tags: Java, Backend development, Spring, Maven, Orika, SQL Server, REST API.



**Software Engineer**  
 OCT 2017 – OCT 2018  
 Gorgonzola (Milan)

Internship and stage. Design and development of multiple internal tools for satellite mass memory testing phases.

Tags: C#, WPF, .NET Framework, MongoDB, Python, Backend and Desktop development

## EDUCATION

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- **Master Degree in Computer Engineering – Laurea magistrale in Ingegneria Informatica**  
On March 2018, at *Università degli Studi di Bergamo*.  
Thesis: “3D4Amb-ULib: Design and Development of a Unity3D library for amblyopia therapy with VR games”
- **Bachelor Degree in Computer Engineering – Laurea Triennale in Ingegneria Informatica**  
On March 2015, at *Università degli Studi di Bergamo*.  
Thesis: “Design and Development of an Android application for stereoacuity test using anaglyphic Randots”
- **Diploma di Liceo Scientifico**  
On June 2011, at *Istituto Superiore D.M. Turoldo di Zogno (Bergamo)*

## LANGUAGES

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Language	Written	Speech
English	C1	C1
French	A2	A2

## TECHNICAL SKILLS

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- Worked for a top Italian RTLS company: expert in localization technologies with GPS, BLE and UWB. Certifications with partners that are world leader in RTLS and IoT world.
- Focus on Backend development technologies in C#.
- Intermediate level of Frontend development with WPF and Material Design.
- Knowledge of .NET Framework 4.6.1+. Multiplatform projects developed with .NET Core 3, deployed on Windows/Linux/ARM (Raspberry PI4).
- Design and development of RESTful Web APIs with ASP.NET.
- Retrieval and manipulation of data in database (MySQL/SQL Server/MongoDB) and file (CSV, JSON, YAML, XML).
- Development tools: Visual Studio 2019, Git, Postman.
- Others: UML, Microsoft Windows 10, Android, Office 365.

## SOFT SKILLS

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- Great motivation to grow up professionally and learn fast. Goal oriented approach.
- Good communicative skills, public speech.
- Team building and self-work autonomy. Doing my best when I am under a deadline pressure (useful when it is the daily normality).
- Commonly people love to work with me because of my light nature and positive vibes.
- Patience and always ready to listen other people opinions with a constructive attitude.