

# Ray Franco Orellana Herrera

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## SUMMARY

Experienced software developer proficient in backend development using the .NET stack, node.js and frontend technologies like Angular, Next.js. Skilled in creating intuitive user interfaces and building scalable, reliable web applications. Known for writing clean, maintainable code and collaborating effectively with teams to meet project goals and technical requirements. Committed to delivering high-quality software solutions.

## EXPERIENCE

### Software Developer

*Agic Technology | Milan, Italy*

*July 2022 – Present*

- Fullstack development using .NET for backend and Angular for frontend.
- Designed and developed web applications, focusing on scalability and maintainability.
- Wrote clean, efficient, and well-documented code adhering to best practices.
- Conducted code reviews to ensure adherence to coding standards and maintainability.

### Software Developer

*ETT S.p.A. | Genoa, Italy*

*September 2017 – June 2022*

- Fullstack developer working with .NET (backend), Angular (frontend), and WPF.
  - Designed and maintained robust web and desktop applications using .NET and Angular.
  - Utilized WPF to create interactive desktop applications, improving user experiences.
  - Collaborated with cross-functional teams to implement solutions and ensure high-quality code.
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## PROJECTS

### Sulle Ali del Mondo - Vetrina

*November 2024 - ongoing - Personal Project*

- Implemented a client-side application with Next.js, leveraging Tailwind CSS and ShadCN for a cohesive design.
- Programmed Supabase functions with the Hono framework to handle backend logic and data processing.
- Followed a structured approach to database creation using Supabase migrations.

## **MNJ Volunteer Project**

*October 2024 - ongoing - Personal Project*

- Designed the client-side application using Next.js and styled it with Tailwind CSS and ShadCN.
- Developed Supabase functions using the Hono framework to extend backend functionality and enable custom logic.
- Built the database structure using Supabase migrations, ensuring efficient and scalable data management.

## **Covi - Sigefin**

*May 2024 - ongoing - Agic Technology*

- Utilized Azure services, including Azure Functions, Azure Blob Storage, and Azure Queue Storage, to enhance backend processing and application performance.
- Integrated Azure Active Directory for secure user authentication and Azure Monitor for effective logging and monitoring of application activities.
- Used Azure DevOps to simplify deployment processes and improve team collaboration, focusing on scalability and durability for a reliable infrastructure.

## **Durst - Extranet**

*March 2024 - September 2024 - Agic Technology*

- Performed bug fixes and maintenance on the Durst Extranet web application built with Angular.
- Improved application stability and performance by resolving frontend issues and enhancing existing features.
- Ensured a smooth and reliable user experience by addressing critical bugs and implementing optimizations.

## **Durst - Printer**

*March 2024 - June 2024 - Agic Technology*

- Created an Azure function to retrieve printer information from Azure Blob Storage.
- Implemented integration allowing printers to call the function to access updated documentation.

## **AdER - Portale Avvocati**

*August 2023 - October 2023 - Agic Technology*

- Contributed to backend development for the AdEr project, focusing on API implementation using .NET technologies.
- Participated in DevOps integration to streamline deployment processes.
- Ensured that backend systems met project requirements and performance standards.

## **Generali - The Human Safety Net**

*January 2022 - April 2022 - ETT S.p.A.*

- Created a backend server that orchestrates the exhibition, receiving data from various clients and processing it to create a personalized journey inside the exhibition.
- Utilized .NET to create RESTful web APIs and PostgreSQL for data management.

## **Area X - Intesa SanPaolo**

*April 2020 - July 2021 - ETT S.p.A.*

- Designed and developed the backend infrastructure for a Virtual Tour using .NET.
- Used MySQL to manage tour-related data, ensuring smooth backend integration with the frontend team.

### **PIM - Integrated Monitoring Platform**

*October 2019 - December 2019 - ETT S.p.A.*

- Worked on developing a web application, utilizing Angular for frontend to streamline product management.
- Collaborated with teams to gather requirements and deliver a practical PIM solution.

### **Prada - Digital Signage CMS**

*May 2019 - January 2020 - ETT S.p.A.*

- Developed a web application to manage multimedia content displayed on digital signage devices in Prada stores worldwide.
- Used .NET to create RESTful web APIs and Angular for the user interface.
- Integrated with the BrightSign system.

### **NAM - Special Forces: In the Shadows**

*March 2018 - November 2018 - ETT S.p.A.*

- Designed and developed the multimedia path for the temporary exhibition "Special Forces: In the Shadows" at the National Army Museum in London.
- Developed software for one of the multimedia stations using WPF, contributing to an immersive visitor experience.

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## EDUCATION

### **Software Developer**

*Ente F.ire | Genoa, Italy | 2017*

### **Scientific High School Diploma**

*Liceo Majorana | Genoa, Italy | 2008*

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## CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals - December 2022
- Microsoft Certified: Azure Developer Associate - September 2023
- McKinsey: McKinsey Forward - December 2024

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## SKILLS

- **Languages & Frameworks:** .NET, C#, ASP.NET, Angular, WPF, JavaScript, TypeScript, HTML5, CSS, Node.js, Next.js, Nuxt.js, Hono, Supabase
- **Databases:** PostgreSQL, MySQL, Redis
- **Tools:** Docker, RabbitMQ, Playwright, Jest, OpenAI, Codeium, GitHub Copilot, Git
- **DevOps & Cloud:** Azure, Azure DevOps, Azure Functions, Serverless Architecture

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## LANGUAGES

- English
- Italian
- Spanish