



## Andrea GRAZIANI

Software engineer

Self-independent and proactive .NET Developer with experience in desktop and single page web application development with a willingness to learn and master back-end development, microservices & containerisation and cloud technologies.

Professional in desktop application development using WPF with a focus on quality, testability and maintainability of the released software.

Proficient in developing databases, creating user interfaces, troubleshooting issues and implementing new feature based on user feedback.

I would like to work with and build application for Linux.

### Info

- 27 August 1993  
• 30 years old
- Viale S. Francesca Saverio Cabrini, 8  
00077 Monte Compatri (RM), Italy
- +(39) 333 78 58 512
- andrea.graziani.ing@outlook.com
- AndreaG93
- andrea-graziani-5134b8256
- Driving Licence B  
• Car Available
- Italian

### Languages

	B1	B2	B2	B1
				Mother tongue

## Work History

- ALTEN ITALIA S.p.A. | Rome, Italy  
as [Software Engineer](#)

June 2022 - Ongoing

I worked as *consultant* developing several kind of software for following companies:

- > Telsy Elettronica e Telecomunicazioni S.p.A. | Rome, Italy  
as [Full Stack Developer](#)

September 2023 - Ongoing

I developed a desktop application for Microsoft Windows that allows users to exchange data in a secure way. I currently work to an enterprise application providing some security services.

- Acted as software developer and tester.
- Updated technical and business documentations.
- Performed bug fixing.

#### Results:

- Improved reliability of released software introducing several unit and integration tests.
- Improved user interface of developed software.
- Designed and released several libraries in order to reduce time and cost development.
- Deadlines met.

#### Acquired skills:

- ✓ I acquired an extensive knowledge about [Windows Presentation Foundation](#) (WPF).
- ✓ I started to interact with [Microsoft Active Directory](#) and [LDAP](#) protocol integrating them with developed software.
- ✓ Improved knowledge about [git](#), [Jenkins pipelines](#), [GitLab](#), [SonarQube](#) and [Microsoft SQL Server](#).

- > GF Machining Solutions S.p.A. | Meyrin, Switzerland  
as [Front End Developer](#)

June 2023 - September 2023

To develop a web application which allows users to setup and manage laser industrial machines.

- Acted as software developer.
- Updated technical documentation.
- Performed bug fixing.

#### Results:

- Improved user interface of developed software.
- Deadlines met.

#### Acquired skills:

- ✓ Significantly improved knowledge about [C#](#), [git](#), [Azure DevOps](#) and [Blazor/MudBlazor](#).
- ✓ Slightly improved my confidence in spoken English and my ability to teamwork.
- ✓ I acquired a little experience with [Scrum](#) as agile project management.

- > ABB S.p.A. | Rome, Italy  
as [Full Stack Developer](#)

June 2022 - June 2023

To develop web applications to perform several task like data management, report extraction, scheduling activities and production monitoring.

- Acted as software designer, developer, tester and coordinator of the projects.
- Performed requirements gathering and technical documentation.
- Handled production deployment, testing and technical support.
- Started initiatives aimed at improving software development process.
- Performed bug fixing.

#### Results:

- Improved user interface of developed software.
- Deadlines met.
- Supervised and mentored junior developers.

#### Acquired skills:

- ✓ I acquired significant knowledge about following technologies and tools: [C#](#) programming language, [.NET Core 6](#), [Entity Framework](#), [Blazor](#), [CSS](#) and [Azure DevOps](#).
- ✓ Improved interpersonal skills and my ability to work independently.
- ✓ Deadlines met with customer satisfaction.

		🕒 Years of use	📅 Last time used
C	▀▀▀	2	2020
C++	▀▀▀	0.5	2012
C# 11	▀▀▀	1.5	Ongoing
Java SE 12	▀▀▀	2	2020
Go 1.17	▀▀▀	1.5	2022
Python 3.x	▀▀▀	1.5	2021
Assembly MIPS	▀▀▀	0.5	2015
Assembly x86	▀▀▀	0.5	2020
HTML	▀▀▀	2	2023
CSS	▀▀▀	0.5	2023
JSON	▀▀▀	2	2023
LaTeX	▀▀▀	4	2023

★ Soft Skill

Problem-solving



Teamwork



Time management



Communication



🛡️ Other



Available for business travels



Available to relocate abroad



Europe only

◦ MASTER'S DEGREE | Computer engineering  
UNIVERSITÀ DEGLI STUDI DI ROMA "TOR VERGATA"  
LM-32 - 2ND LEVEL DEGREE IN COMPUTER ENGINEERING

📅 2018 - 2022

- Final degree mark: [110/110 cum laude](#)
- Thesis title: "[A QoS-aware broker for multi-provider serverless applications](#)"
- Thesis supervisor: [Valeria Cardellini](#)
- Age at graduation: [28](#) • Graduation date: [23/05/2022](#)

◦ BACHELOR'S DEGREE | Computer engineering  
UNIVERSITÀ DEGLI STUDI DI ROMA "TOR VERGATA"  
L-8 - 1ST LEVEL DEGREE IN INFORMATION TECHNOLOGY

📅 2012 - 2018

- Final degree mark: [102/110](#)
- Age at graduation: [25](#) • Graduation date: [26/10/2018](#)

◦ ITALIAN SECONDARY SCHOOL DIPLOMA | Scientific Certificate  
LICEO SCIENTIFICO STATALE BRUNO TOUSCHEK

📅 2012

- School-leaving examination mark: [90/100](#)
- Graduation date: [2012](#)

📖 Training

◦ RABBITMQ USAGE IN EVENT DRIVEN ARCHITECTURE | Remotely

📅 September 2022

Training course at ALTEN Italia S.p.A.

💻 Computer Key Skills \*

CLOUD

Apache OpenWhisk [▀](#) | AWS EC2 [▀](#) | AWS Lambda [▀](#) | AWS Step Functions [▀](#) | AWS CloudWatch [▀](#) | Power BI [▀](#)

DEVOPS AND BUILD AUTOMATION

git [▀](#) | Azure DevOps [▀](#) | JIRA Software [▀](#) | Travis CI [▀](#) | Maven [▀](#) | CMake [▀](#) | Jenkins [▀](#) | SonarQube [▀](#) | NuGet [▀](#)

DATABASES

Microsoft SQL Server [▀](#) | PostgreSQL [▀](#) | InfluxDB [▀](#) | Apache Cassandra [▀](#) | Apache Kafka [▀](#)

ORM

Entity Framework [▀](#) | Hibernate [▀](#)

OS

Microsoft Windows [▀](#) | Kubuntu [▀](#) | KDE Neon [▀](#) | Manjaro [▀](#) | Arch Linux [▀](#)

WEB PROGRAMMING

Blazor [▀](#) | MudBlazor [▀](#) | JSP [▀](#) | Bootstrap [▀](#) | Single Page Apps [▀](#) | RESTful API [▀](#)

DESKTOP PROGRAMMING

WPF [▀](#) | JavaFX [▀](#)

SHELL AND SCRIPTING

Bash [▀](#) | PowerShell [▀](#)

IDE

Android Studio [▀](#) | CLion [▀](#) | IntelliJ IDEA Community Edition [▀](#) | GoLand [▀](#) | PyCharm Community Edition [▀](#) | Visual Studio [▀](#) | Google Colaboratory (Colab) [▀](#)

TESTING

JUnit [▀](#) | MSTest [▀](#) | Moq [▀](#) | Mockito [▀](#) | TDD [▀](#)

VIRTUALIZATION

Hyper-V [▀](#) | VirtualBox [▀](#) | Docker [▀](#)

OTHERS

.NET 6 [▀](#) | .NET Framework 4.x [▀](#) | Apache ZooKeeper [▀](#) | Valgrind [▀](#) | 1p\_solve [▀](#) | Gurobi [▀](#) | Some deep learning libraries (TensorFlow and Keras) [▀](#) | RabbitMQ [▀](#) | UML [▀](#)

(\*) [▀](#) (Beginner) | [▀](#) (Intermediate) | [▀](#) (Advanced)