



Andrea GRAZIANI

Software engineer

Self-independent and proactive .NET Developer with experience in *desktop* and *single page web application* with a focus on **quality**, **testability** and **maintainability** of the released software.

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

Info

- 27 August 1993
- 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

	Listening	Reading	Writing	Speaking
	B1	B2	B2	B1
	Mother tongue			

Work History

- ALTEN ITALIA S.p.A. | Rome, Italy June 2022 - Ongoing
as [Software Engineer](#)

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

- > Telsy Elettronica e Telecomunicazioni S.p.A. | Rome, Italy September 2023 - Ongoing
as [Full Stack Developer](#)

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 mostly as software developer and tester.
- Setup CI/CD pipelines.
- 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](#), [Microsoft SQL Server](#) and [T-SQL](#) domain language.

- > GF Machining Solutions S.p.A. | Meyrin, Switzerland June 2023 - September 2023
as [Front End Developer](#)

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 June 2022 - June 2023
as [Full Stack Developer](#)

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.

		<div>Years of use</div>	<div>Last time used</div>
C	<div><div></div><div></div><div></div></div>	2	2020
C++	<div><div></div><div></div><div></div></div>	0.5	2012
C# 11	<div><div></div><div></div><div></div></div>	1.5	Ongoing
Java SE 12	<div><div></div><div></div><div></div></div>	2	2020
Go 1.17	<div><div></div><div></div><div></div></div>	1.5	2022
Python 3.x	<div><div></div><div></div><div></div></div>	1.5	2021
Assembly MIPS	<div><div></div><div></div><div></div></div>	0.5	2015
Assembly x86	<div><div></div><div></div><div></div></div>	0.5	2020
SQL	<div><div></div><div></div><div></div></div>	2	Ongoing
T-SQL	<div><div></div><div></div><div></div></div>	0.5	Ongoing
HTML	<div><div></div><div></div><div></div></div>	2	2023
CSS	<div><div></div><div></div><div></div></div>	0.5	2023
JSON	<div><div></div><div></div><div></div></div>	2	2023
XML	<div><div></div><div></div><div></div></div>	1	Ongoing
LaTeX	<div><div></div><div></div><div></div></div>	4	Ongoing

(*) (Beginner) | (Intermediate) | (Advanced)

Other

Available for business travels

Available to relocate abroad

Europe only

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MASTER'S DEGREE | Computer engineering

UNIVERSITÀ DEGLI STUDI DI ROMA "TOR VERGATA"

LM-32 - 2ND LEVEL DEGREE IN COMPUTER ENGINEERING

2018 - 2022

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Final degree mark: 110/110 cum laude

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Thesis title: "A QoS-aware broker for multi-provider serverless applications"

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Thesis supervisor: Valeria Cardellini

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Age at graduation: 28

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Graduation date: 23/05/2022
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BACHELOR'S DEGREE | Computer engineering

UNIVERSITÀ DEGLI STUDI DI ROMA "TOR VERGATA"

L-8 - 1ST LEVEL DEGREE IN INFORMATION TECHNOLOGY

2012 - 2018

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Final degree mark: 102/110

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Age at graduation: 25

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Graduation date: 26/10/2018

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ITALIAN SECONDARY SCHOOL DIPLOMA | Scientific Certificate

LICEO SCIENTIFICO STATALE BRUNO TOSCHKE

2012

-

School-leaving examination mark: 90/100

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Graduation date: 2012
- Training
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RABBITMQ USAGE IN EVENT DRIVEN ARCHITECTURE | Remotely

Training course at ALTEN Italia S.p.A.

September 2022
- Computer Key Skills *
- | | |
|-----------------------------|--|
| CLOUD | Apache OpenWhisk <div></div> AWS EC2 <div></div> AWS Lambda <div></div> AWS Step Functions <div></div> AWS CloudWatch <div></div> Power BI <div></div> |
| DEVOPS AND BUILD AUTOMATION | git <div></div> Azure DevOps <div></div> JIRA Software <div></div> Travis CI <div></div> Maven <div></div> CMake <div></div> Jenkins <div></div> SonarQube <div></div> NuGet <div></div> |
| DATABASES | Microsoft SQL Server <div></div> PostgreSQL <div></div> InfluxDB <div></div> Apache Cassandra <div></div> Apache Kafka <div></div> |
| ORM | Entity Framework <div></div> Hibernate <div></div> |
| OS | Microsoft Windows <div></div> Kubuntu <div></div> KDE Neon <div></div> Manjaro <div></div> Arch Linux <div></div> |
| WEB PROGRAMMING | Blazor <div></div> MudBlazor <div></div> JSP <div></div> Bootstrap <div></div> Single Page Apps <div></div> RESTful API <div></div> |
| DESKTOP PROGRAMMING | WPF <div></div> JavaFX <div></div> |
| SHELL AND SCRIPTING | Bash <div></div> PowerShell <div></div> |
| IDE | Android Studio <div></div> CLion <div></div> IntelliJ IDEA Community Edition <div></div> GoLand <div></div> PyCharm Community Edition <div></div> Visual Studio <div></div> Google Colaboratory (Colab) <div></div> |
| TESTING | JUnit <div></div> MSTest <div></div> Moq <div></div> Mockito <div></div> TDD <div></div> |
| VIRTUALIZATION | Hyper-V <div></div> VirtualBox <div></div> Docker <div></div> |
| OTHERS | .NET 6 <div></div> .NET Framework 4.x <div></div> Apache ZooKeeper <div></div> Valgrind <div></div> 1p_solve <div></div> Gurobi <div></div> Some deep learning libraries (TensorFlow and Keras) <div></div> RabbitMQ <div></div> UML <div></div> |
- (*) (Beginner) | (Intermediate) | (Advanced)