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
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- ⓞ AndreaG93
- in 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:

- ✔ Significanlty 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.

		🕐 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
SQL	■■□	2	Ongoing
T-SQL	■□□	0.5	Ongoing
HTML	■□□	2	2023
CSS	■□□	0.5	2023
JSON	■□□	2	2023
XML	■□□	1	Ongoing
LaTeX	■■□	4	Ongoing

(*) ■□□ (Beginner) | ■■□ (Intermediate) | ■■■ (Advanced)

🏷 Other

✈
Available for business travels

🌐
Available to relocate abroad
🇪🇺 Europe only

🎓 Education

○ **MASTER'S DEGREE** │ Computer engineering   📅 2018 - 2022
UNIVERSITÀ DEGLI STUDI DI ROMA "TOR VERGATA"
LM-32 - 2ND LEVEL DEGREE IN COMPUTER ENGINEERING

- 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   📅 2012 - 2018
UNIVERSITÀ DEGLI STUDI DI ROMA "TOR VERGATA"
L-8 - 1ST LEVEL DEGREE IN INFORMATION TECHNOLOGY

- Final degree mark: 102/110
- Age at graduation: *25* • Graduation date: *26/10/2018*

○ **ITALIAN SECONDARY SCHOOL DIPLOMA** │ Scientific Certificate   📅 2012
LICEO SCIENTIFICO STATALE BRUNO TOUSCHEK

- 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 Kakfa ▪
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 ▪ | lp_solve ▪ | Gurobi ▪ | Some deep learning libraries (TensorFlow and Keras) ▪ | RabbitMQ ▪ | UML ▪

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