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
- 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 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 📅 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.

🎓 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

Programming/Markup Languages

Language	Level	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

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)