

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.



- 27 August 1993
 - 30 years old
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- andrea.graziani.ing@outlook.com
- AndreaG93
- in andrea-graziani-5134b8256
- Driving Licence B
 - Car Available
- Italian

A■ Languages

			2	2
	Listening	Reading	Writing	Speaking
<u> </u>	B1	B2	B2	B1

Mother tongue



• ALTEN ITALIA S.P.A. | Rome, Italy

as Software Engineer

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

iii June 2022 - 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



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 as Full Stack Developer iii June 2022 - June 2023

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

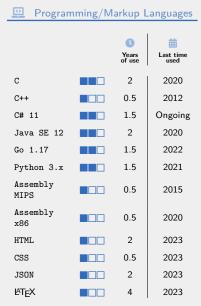
- Acted as software designer, developer, tester and coordinator of the projects.
- Performed requirements gathering and technical documentation.
- Handled production deployment, testing and technical support.
- Started initiatives aimed at improving software development process.
- Performed bug fixing.

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.



★ Soft Skill

Problem-solving

Teamwork

Time management

Communication



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Available for business travels

Available to relocate abroad Europe only

Education

MASTER'S DEGREE | Computer engineering

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

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

LICEO SCIENTIFICO STATALE BRUNO TOUSCHEK

- School-leaving examination mark: 90/100

- Graduation date: 2012

Training

• RABBITMQ USAGE IN EVENT DRIVEN ARCHITECTURE | Remotely

Training course at ALTEN Italia S.p.A.

Computer Key Skills *

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Apache OpenWhisk 📱 | AWS EC2 📱 | AWS Lambda 📱 | AWS Step Functions 📱 | AWS
CLOUD
                          CloudWatch | Power BI |
DEVOPS AND
                          git 🛢 | Azure DevOps 🛢 | JIRA Software 🛢 | Travis Cl 🛢 | Maven 🛢 | CMake 🛢 | Jenkins
Build
                           SonarQube NuGet
AUTOMATION
Databases
                          Microsoft SQL Server ■ | PostgreSQL ■ | InfluxDB ■ | Apache Cassandra ■ | Apache
ORM
                          Entity Framework ■ | Hibernate ■
OS
                          Microsoft Windows ■ | Kubuntu ■ | KDE Neon ■ | Manjaro ■ | Arch Linux ■
W_{EB}
                          Blazor ■ | MudBlazor ■ | JSP ■ | Bootstrap ■ | Single Page Apps ■ | RESTful API ■
Programming
Desktop
                          WPF ■ | JavaFX ■
Programming
SHELL AND
                          Bash | PowerShell |
SCRIPTING
                          Android Studio \blacksquare | CLion \blacksquare | IntelliJ IDEA Community Edition \blacksquare | GoLand \blacksquare | PyCharm Community Edition \blacksquare | Visual Studio \blacksquare | Google Colaboratory (Colab) \blacksquare
IDE
Testing
                          JUnit | MSTest | Moq | Mockito | TDD |
VIRTUALIZATION
                          Hyper-V \equiv | VirtualBox \equiv | Docker \equiv
OTHERS
                           .NET 6 ■ | .NET Framework 4.x ■ | Apache ZooKeeper ■ | Valgrind ■ | 1p_solve ■
                            Gurobi  Some deep learning libraries (TensorFlow and Keras) RabbitMQ
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(*) \equiv (Beginner) | \equiv (Intermediate) | \equiv (Advanced)

== 2018 - 2022

= 2012 - 2018

= 2012

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