



Seeking a position that allows me allow me to develop and design software with ever greater autonomy.

I would like to work with embedded system and real-time systems or develop applications using Linux.

I want to learn and apply DevOps development principles, in order to ensure higher quality and maintainability of the released software.

#### Place And Date of Birth

Frascati, Italy  
27 August 1993 • Age: 29

#### Address

Viale S. Francesca Saverio Cabrini, 8  
00077 Monte Compatri (RM), Italy

#### Nationality

Italy

#### Driving Licence

B • Car Available



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AndreaG93



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Available for business travels



Available to relocate abroad  
**Europe only**

# Andrea Graziani

SOFTWARE ENGINEER



## Education

2018 - 2022

**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

2012 - 2018

**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

2008 - 2012

**Italian Secondary School Diploma**, Scientific Certificate  
LICEO SCIENTIFICO STATALE BRUNO TUSCHEK

School-leaving examination mark: **90/100**

Graduation date: 2012



## Work Experience

JUNE 2022 -  
PRESENT

**Software Engineer**, ALTEN Italia S.p.A. - Rome, Italy

Acted as computer consultant for following companies:

- **ABB S.p.A.** - Rome, Italy  
(June 2022 - June 2023)  
To develop web applications to perform several task like data management, report extraction, scheduling activities and production monitoring.

#### Activities:

- 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:

- ✓ Acquired knowledge of several technologies and tools among which "Entity Framework", Blazor, CSS, C# and Azure DevOps.
- ✓ Improved interpersonal skills.
- ✓ Improved ability to work independently.
- ✓ Deadlines met with customer satisfaction.

◦ **GF Machining Solutions S.p.A.** - Meyrin, Switzerland  
(June 2023 - Present)

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

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

**Results:**

- ✓ Significantly improved knowledge about C#, git, Azure DevOps and Blazor. Acquired a basic knowledge about Scrum.
- ✓ Slightly improved my confidence in spoken English.
- ✓ Slightly improved my ability to teamwork.

## Training

SEPTEMBER 2022

### **RabbitMQ usage in event driven architecture**

TRAINING COURSE AT ALTEN ITALIA S.P.A. (ROME, ITALY)

## Language

MOTHER TONGUE












Italian

FOREIGN LANGUAGE(S)

Language	Listening	Reading	Writing	Speaking
English	B1	B2	B2	B1

## Computer Skills

LANGUAGES

	Experience	Experience Years
C		2
C++		0.5
C#		1.5
Java		2
Go		1.5
Python		1.5
Assembly MIPS		0.5
Assembly x86		0.5
HTML		2
CSS		0.5
L <sup>A</sup> T <sub>E</sub> X		5

CLOUD

Apache OpenWhisk (*Foundation*) • AWS EC2 (*Foundation*) • AWS Lambda (*Foundation*)  
• AWS Step Functions (*Foundation*) • AWS CloudWatch (*Foundation*) • SonarQube (*Foundation*)

BUILD AUTOMATION

Maven (*Foundation*) • CMake (*Foundation*)

DATABASES

Microsoft SQL Server (*Intermediate*) • PostgreSQL (*Intermediate*) • InfluxDB (*Foundation*)  
• Apache Cassandra (*Foundation*) • Apache Kafka (*Foundation*)

ORM

Entity Framework (*Intermediate*) • Hibernate (*Foundation*)

OS	Microsoft Windows ( <i>Intermediate</i> ) • Kubuntu ( <i>Intermediate</i> ) • KDE Neon ( <i>Intermediate</i> ) • Manjaro ( <i>Intermediate</i> ) • Arch Linux ( <i>Intermediate</i> )
WEB PROGRAMMING	Blazor ( <i>Intermediate</i> ) • JSP ( <i>Foundation</i> )
IDE	Android Studio ( <i>Foundation</i> ) • CLion ( <i>Intermediate</i> ) • IntelliJ IDEA Community Edition ( <i>Intermediate</i> ) • GoLand ( <i>Intermediate</i> ) • PyCharm Community Edition ( <i>Intermediate</i> ) • Visual Studio ( <i>Intermediate</i> ) • Google Colaboratory (Colab) ( <i>Foundation</i> ) •
DEVOPS	Azure DevOps ( <i>Foundation</i> ) • JIRA Software ( <i>Foundation</i> ) • Travis CI ( <i>Foundation</i> )
TESTING	JUnit ( <i>Foundation</i> ) • MSTest ( <i>Foundation</i> ) • Moq ( <i>Foundation</i> ) • Mockito ( <i>Foundation</i> )
OTHERS	git ( <i>Intermediate</i> ) • docker ( <i>Foundation</i> ) • Apache ZooKeeper ( <i>Intermediate</i> ) • Valgrind ( <i>Foundation</i> ) • lp_solve ( <i>Foundation</i> ) • Gurobi ( <i>Foundation</i> ) • Some deep learning libraries (TensorFlow and Keras) ( <i>Foundation</i> ) • RabbitMQ ( <i>Foundation</i> )