Andrea Graziani

SOFTWARE ENGINEER

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

I would like to work with embedded 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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✈
Available for business travels

🌐
Available to relocate abroad
Europe only

🎓 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 Touschek *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:

  - ✔ Significanlty 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
LaTeX	■■■☐☐	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 Kakfa (*Foundation*)

ORM

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

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

OS	
WEB PROGRAMMING	
IDE	