



Gianmarco Pettinato

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♂ Gender: Male 📅 Date of birth: 28/01/1993 🇮🇹 Nationality: Italian

ABOUT ME

I have a bachelor degree in computer science, and I'm a full-stack developer. I know several languages and frameworks, either front-end and back-end. In particular, I have experience in C++ with QT and Typescript with Angular, Vuejs and Svelte. Among my skill-set, there is the administration of the CI/CD environment with docker. I'm interested in the IoT world and Wearable tech. In my free time, I like to manage my GNU/Linux home server and build PCs.

WORK EXPERIENCE

[08/01/2021 – Current] **ICT product manager**

Autonomous work

City: Albignasego(PD)

Country: Italy

Main activities and responsibilities:

Through this year, I'm working to begin my independent activity base on my idea of business.

To do so, I learnt different practices and filled many roles:

- Create a work's infrastructure, mainly create a centralized resource on the server:
- Manage the **GNU/Linux** server with "Unraid" as distribution.
- Manage all the services using **Docker**:
- **GitLab**, with the runner for CI/CD, other than the software repositories I managed to setup:
- package **npm** repository
- **docker** repository
- **NginxProxyManager** to handle the public services in reverse proxy
- **SonarQube** to automatically verify the software quality
- Manage all the virtual machines to develop and deploy software in the staging environment
- Project and develop the software, main activity of this endeavour:
- Project the software architecture
- Project the database
- Implement the software based on the architecture:
- Back-end **Typescript** on **AWS-Lambda** platform with **Serverless framework**
- Front-end in **Typescript** with **Nativescript** framework
- Implement the database architecture with **MongoDB**
- Create a Proof of Concept of the application
- Project and develop **CI/CD** solution for the product:
- Create pipelines for the CI/CD process in the **GitLab** environment
- Create **docker files** to perform the unit test and compilation of the source code in the repositories.

[21/09/2020 – 14/11/2020] **Software developer**

Athesys

City: Padova

Country: Italy

Main activities and responsibilities:

Develop a middleware to put in communication two applications between NAT networks based on OAuth2.0

[13/08/2016 – 13/02/2017] **Software developer**

Alternative Studio di Costa Francesco

Address: Padova

City: Padua

Country: Italy

Main activities and responsibilities:

I've projected and developed a Telegram bot with direct communication to management software for the dog squad Italian civil defence to enable communication between HQ and agent on the ground

[08/06/2012 – 08/07/2012] **ICT technician**

Saxon Hill Academy

Address: Lichfield, United Kingdom

City: Lichfield

Country: United Kingdom

Main activities and responsibilities:

I applied to this position, in Saxon Hill Academy, through the European project Leonardo which provided accommodation for the stay, an English course and a workplace mainly for practices the language skill.

In Saxon Hill Academy, my responsibilities were:

- Maintenance of administration's computers.
- Maintenance of students' computers.
- Make the sensorial room usable.

EDUCATION AND TRAINING

[2016 – 2020] **Bachelor's degree in Computer Science**

Computer Science, Università degli studi di Padova

Address: Padova, Italy

Level in EQF: EQF level 6

[2007 – 2013] **High School diploma, Liceo Scientifico Tecnologico**

I.T.I.S. Severi

Address: Padova, Italy

Level in EQF: EQF level 4

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English

LISTENING C1 **READING** C1 **WRITING** B2

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

PROJECTS

Software projects

[Web page as the curriculum](#) can be found here <https://pettinato.eu>

[Green pass scanner server](#) remote validation of QR code "green-pass"

integration of Latex compiler in [GitHubAction](#) for multiple documents in the same repository.

integration of spell checker on pdf in a repository in GitHub repository using [aspell](#)

Project for object-oriented programming [here](#).

Project for [tech web course](#).

Project for automata and formal languages with antrl parser [Swl](#).

Team project of Software Engineering [Etherless](#).

Private server, based on GNU/Linux, with private [cloud](#) and [git](#).

Hardware projects

[custom keyboard](#) based [lily58](#) design

[3D Printer](#) to create all my ideas.

Home server.

Workstation PC.

[Workstation](#), with two computers that I use to work and create (workstation PC and laptop)

PERSONAL INFORMATION

Personal Information

I am a disabled person. I can't stand for long periods and, I can't walk long distances without a wheelchair.

I can walk for very brief distances.

I can drive and, I own a car with adaptation for my disability.