LORENZO BREDA

Full-Stack Developer, software designer

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in linkedin.com/in/lbreda   github.com/lbreda

SOMETHING ABOUT ME

I'm a full-stack developer in a php-based environment. My daily job is designing and realizing applications using php, HTML5 and the modern JavaScript frameworks. I also like configuring Linux-based systems, and I'm faliliar with other stacks and programming environments. I often wrote C software for embeded systems, and my first experiences with NodeJS were on personal projects. I'm very curious, and I like to solve problems and issues with creativity.

EXPERIENCE

Developer

Governorate ISP Service

📅 June 2023 – Ongoing   📍 Vatican City State

- Web-based system development for the Vatican City State Governatorate online services.
- System configuration (Ansible) of the service providing infrastructure.
- Occasional intervention on the systems (Ubuntu, RedHat, network infrastructure).

Full stack web developer, PM

TwoBeeSolution S.r.l.

📅 December 2015 – May 2023   📍 Via Pietro Bembo 36a, 00168 Rome

- Designed and developed a collection softwares for rapid transit lines construction and management. The softwares are used for subways all over the world (Rome, Milan, Naples, Copenaghen, Aarhus, Riyadh, Thessaloniki, Lima, Oslo).
- Designed and directed the development of a management system for professional orders and associations. The software interfaces with various Italian Public Administration APIs and systems.
- Designed and directed the development of an electronic multi-language menu for restaurants (atavola.menu)
- Designed and developed a CRM for a private school. It included the schoolbus management system (check-in and check-out of students, GPS-based fleet management).
- Other smaller projects in Laravel, NodeJS and Nuxt, basic sysadmin tasks on servers.

Webmaster, tech support

Istituto Don Calabria

📅 April 2012 – December 2015   📍 Via Giambattista Soria 13, 00167 Rome

- Institutional website design and management.
- Internal tech support

MOST PROUD OF

🏆 **Italian PA obscure protocols decoding**
I had to use a pretty long list of Italian Public Administration API protocols and data files, and I succeded to decode their obscure documentation

LANGUAGES

Italian	●●●●●
English	●●●●○

CODING

php	●●●●●
Laravel	●●●●●
CodeIgniter	●●●●○
JavaScript	●●●●○
Vue, Nuxt	●●●●○
NodeJS	●●●●○
AlpineJS, jQuery	●●●●●
HTML5	●●●●●
CSS3	●●●●●
Bootstrap	●●●●●
MySQL/MariaDB	●●●●●
postgreSQL	●●●○○
SQLite	●●●●●
C	●●●○○
Java	●●○○○
Python3	●●○○○

OS & TECHS

GNU/Linux	●●●●●
Windows	●●●●○
MacOS	●●●●○
git	●●●●●
Docker	●●●○○

STRENGTHS

SysAdmin skills, Fast learner, Good teacher

EXTRA-PROFESSIONAL EXPERIENCE

- MovieDbBot (github:LBreda/moviedbbot), a Telegram bot to get information about movies and actors from The MovieDatabase
- BricksetBot (github:LBreda/bricksetbot), a Telegram bot to get information about LEGO sets from Brickset
- COVID19-IT (covid.lbreda.com), a simple dashboard to gather official data about the COVID-19 pandemics in Italy
- Letterboxd Client (github:nuovi-media/laravel-letterboxd), a Letterboxd API client library

EDUCATION

Scientific diploma

LSS Evangelista Torricelli, Rome

📅 September 2002 – July 2007

- Scientific-centred high school
- Won a stage at the National Institute for Nuclear Physics. Studied Monte Carlo FLUKA simulation package.

OTHER EDUCATIONAL EXPERIENCES

I studied Physics at the Sapienza University of Rome between 2007 an 2010, with very good results in applied Computer Science (mainly C), applied Maths and Classical Physics.

I switched from Physics to Computer Science in 2010, with good results in Applied Mathematics, Computers Architecture, Object-Oriented Programming, Databases and Operating Systems. I also studied Data Structures and Functional Programming.

I left University due to an increased work load from my job.

INTERESTS

I'm a embeded systems enthusiast, and I can design RaspberryPI and Arduino based applications.

I'm also a pretty good hobbist photographer, ad I love shooting 110 film format.