STEFANO BORZÌ

SOFTWARE DEVELOPER

CONTACT

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ABOUT ME

I'm a software engineer who started programming for fun at the age of 12.

I have several years of working experience mostly using web technologies like TypeScript/JavaScript, Angular, Python, Node.js, Bootstrap, HTML, CSS/SCSS, C++, PHP, and Laravel. I also have academic experience with other technologies like Java.

In my spare time, I manage two opensource communities, AzerothCore and UNICT-DEVS.

I am really passionate about opensource and Linux.

SKILLS

- 🅰️ Angular
- TS Typescript
- ⚛️ Reactjs
- 🤝 Team Work
- ✳️ Jasmine
- 🥝 Karma
- 🐧 Linux
- 🐍 Python
- 🐳 Docker
- 🐘 PHP
- C++ C++
- 🪺 Nestjs
- ⬢ Node.js

WORK EXPERIENCE

Senior Programmer Analyst - *FedEx*
Jan 2021 - Present

I worked on the MAGR team, where I acted as Team Lead and I was responsible for releasing this international web application.

I would like to highlight some key contributions I made to this project. I optimized Google Maps usage, reducing company costs and sharing my approach with other teams to enhance efficiency across departments. I also analyzed the application's source map, removing unused packages from the production build and replacing outdated, non-treeshakable packages with modern alternatives, achieving a 33% reduction in application size. Additionally, I improved TypeScript code quality by examining the transpiled JavaScript, resulting in further size reductions and enhanced overall performance. I actively upgraded Angular to the latest version available whenever possible, ensuring the application remained up to date with the newest features and improvements.

The technologies involved are the following:
- **TypeScript**
- **Angular (v18+), NGRX**
- **Software testing with Jasmine, Karma**
- **A/B testing through Optimizely**

Software Engineer - *Infront Finance (ex VWD group)*
Jan 2020 - Dec 2020

I developed a FinTech platform, keeping the Angular framework version up to date. I removed all jQuery functions from the project, eliminating the dependency on the jQuery library by replacing them with built-in Angular features or native JavaScript alternatives.

The technologies involved are the following:
- TypeScript developer
- Mainly using the **Angular** framework
- Writing unit tests using Jasmine/Karma
- SASS/SCSS and the **Bootstrap** framework

Software Developer (freelancer) - *Fiverr*
Aug 2018 - Jan 2020

Fiverr profile

Technologies involved:
- Web scraping tools (using Python+**Selenium** or **Node.js+puppeteer**)
- Telegram chat bots
- Python scripts

Web Developer (part-time) - *ItaliaHotspot*
Mar 2018 - Oct 2019

IT Consultant and Software Developer for software management

Technologies involved:
- **PHP framework Laravel (REST API)**
- **AngularJS (Single-Page-Application)**

Company client: **NewTecna**.

Web Developer (part-time) - *Codice a Barre Italia*
Sep 2017 - Jan 2018

Software management developed with:
- **PHP framework Laravel (REST API)**
- **AngularJS (Single-Page-Application).**

Demo software management

Web Developer (part-time) - *Perdichizzi Gioiellerie*   Oct 2016 - Jul 2017

I developed a software management using the following technologies:
- **PHP framework Laravel (RESTful API)**
- **AngularJS (Single-Page-Application).**

Web Developer (part-time) - *Codice a Barre Italia*   Aug 2016 - Oct 2016

I developed an e-commerce platform (demo), the technologies involved in this project are:
- **PHP**
- **Bootstrap**
- **JavaScript (JQuery, Ajax)**
- **Wordpress + Woocommerce plugin**
- **Telegram API**

Web Developer (part-time) - *ItaliaHotspot*   Aug 2015 - Jul 2016

Full-stack Developer worked on different projects which consisted of:
- **Back-end development using PHP (Laravel), SOAP and MySQL**
- **Front-end development using HTML5, CSS3, JavaScript, Bootstrap, Angular (and AngularJS)**
- Managing router firmware like **OpenWRT, DDWRT** and connecting them to a FreeRadius server

Web Developer (part-time) - *Insolaria*   Jan 2015 - Jul 2015

Worked on a web portal for Public Administrations
- **AngularJS**
- **Wordpress API**
- **PHP framework Laravel**

COURSES AS A LECTURER

- Quality Development 2023/2024 - University of Catania - 🔧 program - 📄 slides
- Quality Development 2022/2023 - University of Catania - 🔧 program - 📄 slides
- Quality Development 2021/2022 - University of Catania - 🔧 program - 📄 slides

Main topics:
Python, Git, GitHub, Soft Sklls, CI/CD pipeline, GitHub Action, SOLID principles, Software Testing

CONFERENCES AND SEMINARS

📄 slides - </> source   Speaker: Audio Processing - ffmpeg

📄 slides - </> source   Speaker: Audio Processing - Segnali Audio e Rumori

📄 slides - 📍 event   DevFest 2022 - Tasti rapidi e dove trovarli

📍 event   Panel: Best practices and quality code - GDG Catania DevFest 2022

📄 slides - 🎬 talk 📍 event   Speaker: Raduno OpenDataSicilia 2022

📄 slides - 📜 paper - 📍 event   Speaker: Is synthetic voice detection research going into the right direction?

📄 slides - 🎬 talk - 🌐 website   Speaker: Saturday Morning Snippets - History of Operating Systems

📄 slides - 🌐 web app - </> source - 📍 event   Speaker: GenerazioneY Report - Sicily Social Network Report

📄 slides   Speaker: Linux Day - Debian-based distros

📄 slides - 📍 event   Speaker: Telegram Bot Talk and Workshop at the Google DevFest 2018

📄 slides - 🎬 talk - 📍 event   Speaker: Telegram Bot Talk at the Google DevFest 2017

📄 slides - 🎬 workshop - 🎙 interview - 📍 event   Speaker: Telegram Bot Workshop - Google I/O Extended at the GDG in Catania