



STEFANO BORZI

SOFTWARE DEVELOPER

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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, React, Python, Node.js, Bootstrap, HTML, CSS/SCSS, C++, PHP, and Laravel.

In my spare time, I manage two opensource communities, [AzerothCore](#) and [UNICT-DEVS](#).

I am really passionate about opensource and Linux.

[Visit my website to learn more about me!](#)

SKILLS

- Angular
- Typescript
- Reactjs
- Team Work
- Next.js
- Karma
- Linux
- Python
- Docker
- PHP
- 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 I also analyzed the application's source map, removing unused packages from the production build and replacing outdated, non-treeshakable packages with modern alternatives, achieving a 33% reduction in application size.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, Redux
- 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 and NGRX+Redux
- 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](#)

EDUCATION

- **PhD in Data Science**
University of Catania
2021 - 2025
- **MSc in Computer Science (Data Science)**
University of Catania
2017 - 2019
Grade: 110/110 cum laude
- **BSc in Computer Science**
University of Catania
2014 - 2017
Grade: 106/110

PUBLICATIONS

- [Is synthetic voice detection research going into the right direction?](#)
- [NETME: On-the-Fly Knowledge Network Construction from Biomedical Literature](#)
- [The String Matching Algorithms Research Tool](#)

LANGUAGES

- English (Fluent)
- Italian (Native)
- Dutch (Basics)

- [slides](#) - [source](#)
- [slides](#) - [source](#)
- [slides](#) - [event](#)
- [event](#)
- [slides](#) - [talk](#) - [event](#)
- [slides](#) - [paper](#) - [event](#)
- [slides](#) - [talk](#) - [website](#)
- [slides](#) - [web app](#) - [source](#) - [event](#)
- [slides](#)
- [slides](#) - [event](#)
- [slides](#) - [talk](#) - [event](#)
- [slides](#) - [workshop](#) - [interview](#) - [event](#)

- **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 Skills, CI/CD pipeline, GitHub Action, SOLID principles, Software Testing

CONFERENCES AND SEMINARS

- Speaker: Audio Processing - ffmpeg
- Speaker: Audio Processing - Segnali Audio e Rumori
- DevFest 2022 - Tasti rapidi e dove trovarli
- Panel: Best practices and quality code - GDG Catania DevFest 2022
- Speaker: Raduno OpenDataSicilia 2022
- Speaker: Is synthetic voice detection research going into the right direction?
- Speaker: Saturday Morning Snippets - History of Operating Systems
- Speaker: GenerazioneY Report - Sicily Social Network Report
- Speaker: Linux Day - Debian-based distros
- Speaker: Telegram Bot Talk and Workshop at the Google DevFest 2018
- Speaker: Telegram Bot Talk at the Google DevFest 2017
- Speaker: Telegram Bot Workshop - Google I/O Extended at the GDG in Catania