



# STEFANO BORZI

## SOFTWARE DEVELOPER

[stefanoborzi.dev](https://stefanoborzi.dev)

## 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 I also analyzed the application's source map, removing unused packages from the production build and replacing outdated, non-treeshakable packages with modern alternatives, achieving a 33% reduction in application size.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
- 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: NewTecnica.

### 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 