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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, <u>AzerothCore</u> and <u>UNICT-DEVS</u>.

I am really passionate about opensource and Linux.

Visit my website to learn more about me!

SKILLS

Angular

Ts Typescript

Reactis

Team Work

Jasmine

Karma

Linux

💡 Python

🤝 Docker

PHP

C++

<u>Ne</u>stjs

Node.js

STEFANO BORZÌ

SOFTWARE DEVELOPER

stefanoborzi.dev

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 I also analyzed the application's source map, removing unused packages from the production build and replacing outdated, non-treeshakable packages with modern alternatives, achieving a 33% reduction in application size.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

Sep 2017 - Jan 2018

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

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

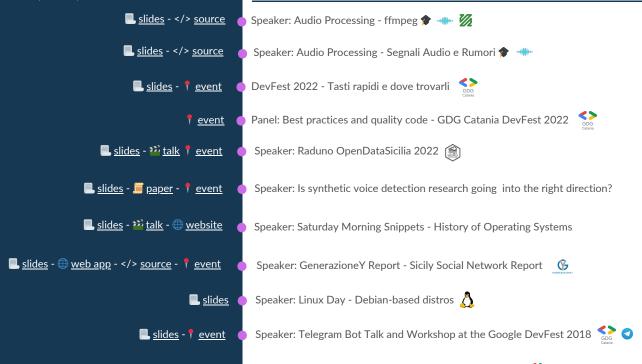
<u>Is synthetic voice detection research</u> going into the right direction?

NETME: On-the-Fly Knowledge **Network Construction from Biomedical** <u>Literature</u>

The String Matching Algorithms Research Tool

LANGUAGES

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



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

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

Web Developer (part-time) - Insolaria Worked on a web portal for Public Administrations

Jan 2015 - Jul 2015

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

📃 <u>slides</u> - 🔀 <u>talk</u> - 📍 <u>event</u> 🌔 Speaker: Telegram Bot Talk at the Google DevFest 2017 🛟 🔇



