STEFANO BORZÌ
FREELANCE FULLSTACK DEVELOPER

🌐 Portfolio Website ⚫ github.com/Helias in in/stefanoborzi
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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, NGRX, Redux React, Python, Node.js, Bootstrap, Tailwindcss, 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.

SKILLS & TECHNOLOGIES

- **Frontend:** Angular (v18+), React.js, Next.js, TypeScript, JavaScript, RxJS, NgRx, Redux, Web Components, Three.js, Electron, Micro Front-ends.

- **Backend & APIs:** Node.js, NestJS, Express.js, PHP (Laravel), Python (FastAPI, Flask), Java (Spring Boot), .NET, RESTful APIs, SOAP, WebSockets, Socket.io, Microservices, C, C++, R, PyTorch, SQL (MySQL, SQLite), Bash, Lua.

- **Testing & QA**: Cypress, Playwright, Jest, Karma, Jasmine, Pytest, Selenium, A/B Testing (Optimizely), Accessibility (WCAG).

- **Infrastructure & DevOps:** Docker, CI/CD (GitHub Actions, Jenkins), Azure, Linux (OpenWRT, DDWRT), Firebase, Supabase, Nginx, Apache, Radius.

- **Tools & UI/UX:** Git (GitHub, GitLab, Bitbucket), Nx, Webpack, Vite, Jira, Figma, Adobe Analytics, SASS, TailwindCSS, Bootstrap, Material Design, WordPress.

- **Professional:** Scrum, SAFe-Agile, Kanban, Technical Writing (LaTeX), Soft Skills, Team work

WORK EXPERIENCE

Fullstack Developer (freelancer) - **Royal BAM Group**   **May 2025 - Present**
I am working using **TypeScript, Angular, Node.js, NX, NestJS, Tailwind, NgRx, .NET,** and other modern technologies to help digitalize construction processes, build a more sustainable future, and combat the housing shortage in the Netherlands.
Ensuring the maintainability of the project by implementing E2E tests through **Playwright** next to unit tests.

Team Lead - *FedEx*   **Jan 2023 - May 2025**
I worked on the **MAGR** team, where I acted as Team Lead, and I was responsible for releasing this international web application.
I led frontend development, overseeing feature implementation, release management, cross-team coordination, and was responsible for interviewing, hiring, and onboarding new developers in the team.

Senior Programmer Analyst - *FedEx*   **Jan 2021 - Dec 2022**
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 main technologies involved are the following: **TypeScript, Angular (v18+), NGRX, Redux, Software testing with Jasmine, Karma, A/B testing through Optimizely, Playwright & Cypress for e2e tests**

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 main technologies involved are the following. TypeScript 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 - Managed end-to-end client communication, requirements gathering, and project scoping for various international software projects. Developed high-performance web scraping tools using **Python** and **Node.js**, alongside interactive **Telegram chatbots** and custom automation scripts. Delivered significant performance gains by refactoring existing codebases to improve application execution speed and maintainability. Consistently balanced technical development with the management of client expectations to deliver scalable, high-quality software solutions.

Web Developer (part-time) - *ItaliaHotspot*   **Mar 2018 - Oct 2019**
Served as an IT Consultant and Software Developer for company client **NewTecna**, overseeing the development of custom software management solutions. Engineered a robust backend using the **PHP Laravel framework** to provide a secure REST API. Developed the frontend as a **Single-Page Application (SPA)** using **AngularJS** to ensure a responsive user experience. Aligned software architecture with specific business goals for client NewTecna through targeted technical consultancy and full-stack development.

Web Developer (part-time) - *Codice a Barre Italia*   **Sep 2017 - Jan 2018**
Developed a full-stack software management system featuring a Laravel-based REST API and an AngularJS single-page application - Demo software management

Web Developer (part-time) - *Perdichizzi Gioiellerie*   **Oct 2016 - Jul 2017**
Engineered a software management system featuring a **Laravel RESTful API** and an **AngularJS single-page application.**

Web Developer (part-time) - *Codice a Barre Italia*   **Aug 2016 - Oct 2016**
Built an e-commerce (demo) platform by integrating **WordPress, WooCommerce**, and the **Telegram API** with a custom **PHP, Bootstrap,** and **jQuery** frontend.

Web Developer (part-time) - *ItaliaHotspot*   **Aug 2015 - Jul 2016**
Acted as a full-stack developer managing **PHP/Laravel, Angular/Bootstrap** and the configuration of **OpenWRT/DDWRT** router firmware with **FreeRadius** servers.

Web Developer (part-time) - *Insolaria*   **Jan 2015 - Jul 2015**
Developed a web portal for Public Administrations utilizing a **Laravel** backend, **AngularJS** frontend, and **WordPress API** integration.

EDUCATION
- University of Catania - 2021-2025 - **PhD in Data Science**
- University of Catania - 2017-2019 - **MSc in Computer Science (Data Science)**
- University of Catania - 2014-2017 - **BSc in Computer Science**

LANGUAGES
- 🇬🇧 English (Fluent)
- 🇮🇹 Italian (Native)
- 🇳🇱 Dutch (Basics)
- 🇪🇸 Spanish (Basics)