

# Gianluca Costa

Italiano (Native)

Français (C1)

English (C1)

Español (B1-B2)

**Location:** Bologna(Italy) - Full Remote

**Website:** [gianlucacosta.info](http://gianlucacosta.info)

**Main languages**

## Preferred technologies

**TypeScript** - from *frontend* to *backend*

**React** - especially with *functions* and *hooks*

**Node.js** - MVC, REST, GraphQL, websockets

**C# 9+** on .NET 5 or later

**Python 3**, when *type hints* are consistently applied

**Go** - in particular for *utilities* and *microservices*

**NoSQL** - *MongoDB*, elements of *Redis* and *DynamoDB*

**SQL** - mainly PostgreSQL, MySQL, SQL Server

**Docker**, with some knowledge of *Kubernetes*

## Areas of interest

**Software engineering & architecture**, preferably in the context of **full-stack**, *modern* projects

**Research & Development** - including *domain-driven design* & ubiquitous language

**Continuous integration** - solid experience with *build tools* and *CI/CD pipelines*

**Code quality, clarity** and **minimalism**

**DevOps & Cloud** design (but no on-call duty)

**Security** - focus on *secure web app design*, with elements of *network protocols* and *cryptography*

**Mentoring**, while *continuously learning*

**Data Science** - despite my still limited knowledge in this domain, I'm always eager to explore it

**Agile processes**: informal, *friendly creativity* with *passion* for **quality**, while retaining *work-life balance*

**100%-remote** positions only and with no business trips - but with *no constraints* on the company's location

## Main projects on GitHub (@giancosta86)

**Jardinero** - full-stack, hybrid architecture in **Python** + **TypeScript**. Discussed in a [SpeakerDeck presentation](#)

**OmniCourse** - **React** library written in **TypeScript**

**Ulysses** - full-stack **NodeJS** + **React** app, in **TypeScript**

For a detailed description of my experience and projects, please visit my [LinkedIn profile](#)

Latest update: 2022-05-25

## Science

Passionate **software craftsman** since 1999, when I was **12** years old; fond of *reusable*, cross-tech **patterns**

More than **7 years of experience** at IT companies

**MSc** and **BSc** in **Computer Engineering** - *110 cum laude*

Awarded as one of the *30 best Engineering students* in Bologna, in 2016

More than **80 open source projects** on GitHub ([@giancosta86](#))

**NPM** packages: [@giancosta86](#)

**Python** packages: [giancosta86](#) on **PyPI**

**Linux** user since 2004, but also **Windows** user

**Tech slides** on *SpeakerDeck*: [@giancosta86](#)

## Humanism

Curious **learner**, passionate **teacher**

**C1** level in *English* (CAE, BEC Higher)

**C1** level in *French* (DALF)

**B1** level in *German* (Goethe Zertifikat)

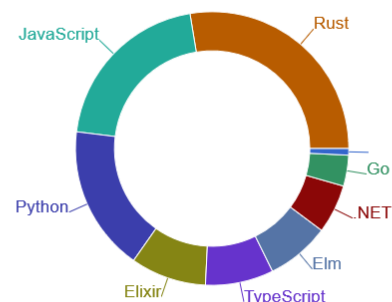
Learning *Spanish* (approximate level: **B1-B2**)

Fond of **Philosophy** as a way to explore oneself and the cosmos - while honing the fine art of *thinking*

Proudly supporting **human rights** and **equality**

Award in national **Latin** competition in 2003

2021 / 2022 Science Information Technology Ecosystems



★ Rust ★ JavaScript ★ Python ★ Elixir ★ TypeScript ★ Elm ★ .NET ★ Go ★ Ruby

Total time for «Ecosystems»: 376 hours, 32 minutes

This chart is a screenshot of the [interactive learning report](#) published on my website: you are welcome to explore it!