

Barcelona • Spain • cesarlpb@gmail.com • +34 640 488 783

Curious, science-minded problem-solver with a strong math foundation, driven to build software that delivers real-world impact. Experienced in startups, Web 3 and blockchain-based projects.

Education

Complutense University of Madrid Bachelor of Science: Theoretical Physicist. Honourable mention in Differential Geometry	Madrid, Spain Thesis: Strongly Interacting Higgs Boson
Paris VII Denis Diderot Erasmus studies abroad coursework in Physics.	Paris, France 2011 – 2012

Experience

Fundación Esplai Python & UX/UI Instructor	Barcelona, Spain Feb - Aug 2024 & Feb - Aug 25
<ul style="list-style-type: none">• Taught principles of UX/UI from scratch to competitive level to youngsters looking for an industry switch.• Managed to boost the startup of +3 projects with the assistance of a few students in design, front-end, Python.• Won 1st place in a hackathon with Social Nexus project, an initiative to make companies meet social volunteers.	

Methodo Bitcoin CTO, Python Senior Developer	Barcelona, Spain Apr 2024 – Feb 2025
<ul style="list-style-type: none">• Optimized the initial loading time of the web app by 500% ensuring an optimal lazy load of resources.• Audited the legacy code from a third-party provider to ensure state-of-the-art quality and best practices.• Established a roadmap with a go-to market strategy developing the product in backend and frontend.	

Leadership & Activities

Onets Python Senior Developer	Madrid, Spain Sep 2023 – Apr 2024
<ul style="list-style-type: none">• Optimized an API integration to serve a series of requests from +30 seconds down to less than 5 seconds.• Introduced good practices in operational flow in the company. Led +20 dev team & instructed juniors.• Guided the code implementation for calculations needed to simulate a photovoltaic panel installation performance in single-family houses in Spain with a 3D view based on Three.js and Blender models.	

Freelance development	Madrid, Spain (remote) 2012 - present
<ul style="list-style-type: none">• Managed custom software development services for clients: Wordpress, Laravel, PHP, Python, etc.	

Skills & Interests

Technical: <ul style="list-style-type: none">• Backend: Advanced Python, JavaScript Typescript, .NET (C# / ASP.NET)<ul style="list-style-type: none">◦ Python frameworks: Advanced Django Django Rest Framework, Flask, FastAPI• Frontend (JS, TS): Advanced NextJS, React, Angular, Astro · Web3: Ethereum, Solana, Solidity, Metamask• Cloud & DevOps: Advanced AWS / Azure, Git, Github, Gitlab• Documentation: Advanced Swagger, Redoc• UX/UI: Intermediate Figma, Adobe tools	
Languages: Spanish (native), English (advanced, +C1), French (intermediate, B1-2)	
Interests: Reading, Sci-fi novels, playing the violin, travelling. Physics.	