

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

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

Experience

<b>Fundación Esplai</b> <b>Python &amp; UX/UI Instructor</b>	Barcelona, Spain Feb - Aug 2024 & Feb - Aug 25
<ul style="list-style-type: none"><li>• Taught principles of UX/UI from scratch to competitive level to youngsters looking for an industry switch.</li><li>• Managed to boost the startup of +3 projects with the assistance of a few students in design, front-end, Python.</li><li>• Won 1st place in a hackathon with Social Nexus project, an initiative to make companies meet social volunteers.</li></ul>	
<b>Methodo Bitcoin</b> <b>CTO, Python Senior Developer</b>	Barcelona, Spain Apr 2024 – Feb 2025
<ul style="list-style-type: none"><li>• Optimized the initial loading time of the web app by 500% ensuring an optimal lazy load of resources.</li><li>• Audited the legacy code from a third-party provider to ensure state-of-the-art quality and best practices.</li><li>• Established a roadmap with a go-to market strategy developing the product in backend and frontend.</li></ul>	

Leadership & Activities

<b>Onets</b> <b>Python Senior Developer</b>	Madrid, Spain Sep 2023 – Apr 2024
<ul style="list-style-type: none"><li>• Optimized an API integration to serve a series of requests from +30 seconds down to less than 5 seconds.</li><li>• Introduced good practices in operational flow in the company. Led +20 dev team &amp; instructed juniors.</li><li>• 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.</li></ul>	
<b>Freelance development</b>	Madrid, Spain (remote) 2012 - present
<ul style="list-style-type: none"><li>• Managed custom software development services for clients: Wordpress, Laravel, PHP, Python, etc.</li></ul>	

Skills & Interests

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