César Patiño

Full-stack Senior AWS Python, NextJS, React, Typescript Developer

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

Experience

Fundación Esplai
Python & UX/UI Instructor   Barcelona, Spain
                                                          Feb - Aug 2024 & Feb - Aug 25
- 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, Azure.
- Won 1st place in a hackathon with Social Nexus project, an initiative to make companies meet social volunteers.

Methodo Bitcoin   Barcelona, Spain
CTO, Python Senior Developer   Apr 2024 – Feb 2025
- 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 best practices. AWS, S3 serverless backend.
- Established a roadmap with a go-to market strategy developing the product in backend and frontend.

Leadership & Activities

Onets   Madrid, Spain
Python Senior Developer   Sep 2023 – Apr 2024
- 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
- Managed custom software development services for clients: Wordpress, Laravel, PHP, Python, etc.

Skills & Interests

Technical:
- **Backend:** Advanced Python, JavaScript | Typescript, .NET (C# / ASP.NET)
  - **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: S3, Cognito, RDS, DynamoDB, Lambda, etc. / Azure, Git, Github, Gitlab
- **Documentation:** Advanced Swagger, Redoc. **Other:** Kafka, RabbitMQ, GraphQL, gRPC, etc.
- **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.