

Kirill Rybkov

Full-Stack Blockchain Developer &
Mechatronics Enthusiast

🌐 Barcelona, Spain



About

Builder of bold ideas. From pioneering blockchain solutions to engineering electronics, turns concepts into reality. The journey spans software, hardware, and everything in between—always with an eye on solving problems that matter. Speed and scalability are the guiding principles.

Skills

Engineering

React/Next.js

JavaScript/TypeScript

Solidity

ethers.js/web3.js

Python

C/C++

CAD

3D Printing

Soft Skills

Problem Solving

Public Speaking

Leadership

Team work

Work Experience

Lattic3 Finance

Oct 2024 – Present

Co-Founder

- Leading frontend development to create a user-centric interface

CalmScent & BorderlessWave

Feb 2023 – Sep 2023

Entrepreneur

- Started as a dropshipping store specializing in oil diffusers, later pivoted to a X management agency focused on tech startups

Ragemp.pro

Jul 2021 – Feb 2022

Freelance Game Developer

- Developed a range of game functionalities for GTA5 Online servers

Projects

Global Currency Digital Asset

Created a Python program to analyze global currencies and attempt to create a digital currency based on geometric mean of exchange rates. Concluded that USD would outperform any new digital global currency.

Python Data Science

Matplotlib

Active Suspension System: Preventing Rollovers

Built an active suspension system for a 1/10th scale RC vehicle to prevent rollovers in off-road conditions. Used Arduino, gyroscope, and a custom perfboard PCB, with 3D printed parts. Wrote a 6000-word essay showcasing the process.

Arduino C++

Electronics 3D Printing

AFDA - Autonomous Fire Detection Aircraft

Developing a wildfire detection drone for Catalonia, handling electronics integration (flight computer, motor, telemetry, camera) and collaborating on detection algorithm and construction. In talks with Agrupació de Defensa Forestal.

Raspberry Pi Arduino

Electronics

Hackathons

Feb 2022 - Present

Completed 15 crypto hackathons in total (irl & online). Notable ones are listed below.

EBC10 Radix

2nd Place | \$5,000

Radish

Team Size: 2 · Role: Front-end dev
Multi-collateralized lending protocol.

ETHGlobal Brussels

Worldcoin Pool Prize

SCRBL

Team Size: 3 · Role: Solidity dev
Uncollateralized lending platform leveraging Worldcoin onchain identity.

BuildUp #2

3rd place | Blue Sky Category | 5,000 EUR

Lukso Lending Protocol (LLP)

Team Size: 1 · Role: Full-stack dev
First lending platform on the Lukso (L1) blockchain.

Chainlink SmartCon Hacker House Barcelona 2023

2nd Place | Other Services | \$2,500

DecentPort

Team Size: 2 · Role: Solidity dev
Decentralized marine port game built on top of Chainlink's VRF.

ETHLisbon 2022

Finalist | Multiple Prizes | \$10,000

Lekker Finance

Team Size: 4 · Role: Frontend dev, Designer
One-click futures leverage platform.

Filecoin SBS 2022

Runner-up | \$1,000

newEnvAI

Team Size: 1 · Role: Full-stack dev
Leveraging NASA API to detect wildfires using dynamic NFTs, integrated with OpenAI's API for AI processing (before the AI hype).

Road to Web3

Multiple Prizes | \$3,000

The Loan Stream

Team Size: 4 · Role: Frontend dev, Designer
First hackathon. Built a lending platform using Superfluid streams.

Education

The British School of Barcelona

Sep 2021 - Jun 2025

A-level

- Physics: A
- Mathematics: A
- Computer Science: A
- EPQ: A*
- Russian: A*

Grades A* – E

Duke of Edinburgh

Four journeys in the Catalonia wilderness, walking 20km each day with 15kg backpacks

Hike Expedition

MUN

Repped Tanzania in UNWOMEN Council; drafted a clause on post-partum contraceptives adopted in resolution

Debate Politics

Public Speaking

Gave a speech at CosmoCaixa venue in Barcelona to 300 people on brain chips

4Voices