

Didier Krux

Fullstack Web3 Developer

15+ years of experience in high traffic media, startups & web3. Passionate about new technologies & music.



Experience

Lead Dev | Co-Founder



Bankless Academy

Lisbon ? · Remote

May 2021 - Present

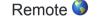
- Building a free, public good educational platform designed to onboard people to Ethereum.
- automated web3 content pipeline by using Notion as a CMS
- gasless, sybil-resistant badge system leveraging Gitcoin Passport
- white-label web3 education platform
- lesson collaboration with 1inch, Optimism, Velodrome, Gitcoin, and Zerion
- multi-language pipeline via Crowdin
- custom interactive web3 quests (bridging, DEX swap, onchain vote, ...)
- SIWE (Sign In With Ethereum), ENS, EFP, Farcaster, UD, and Lens integration
- PWA (Progressive Web App) with guided setup
- Onchain indexer to track user progress across Academy lessons and external achievements
- Dynamic social media images for user profiles with personalized scores and achievements
- Al-powered assistant (Discord, Telegram, Twitter) that answers crypto related questions and links users to relevant lessons



Level 2 Contributor



BanklessDAO



May 2021 - Nov 2023 · 2 years 7

Led the development of 4 different BanklessDAO season launch websites.

Participated in Education Guild & Dev Guild in the early days.

Tailwind CSS | three.js

Senior Software Engineer



Toasty (formerly, Juven)



June 2019 - October 2020 · 1 year

Video conferencing platform to run super interactive virtual meetings.

Admin panel & interactive videoconference Web App.

Setup & deployed dedicated Jitsi videoconference servers with live monitoring on AWS.

Writing technical specs, code review, UAT, mentoring junior developers & handling deployment. Suggested & implemented major changes in backend structure to save time in development.

Improved the flow of the product to minimize time to value for customers.

Business matchmaking platform using AI to match people.

Admin panel, meeting scheduler & Mobile Web App.

Developed a Serverless matching engine using NLP to calculate matching scores.

React | TypeScript | Redux-Saga | Node.js | WebSocket | Redis | PostgreSQL | Python | NLP Material UI | styled-components | Mixpanel | Jitsi | Grafana | Nginx | AWS | Serveless

Software Engineer



Juven

Hong Kong ?

Sept. 2018 - June 2019 · 10 months

Event management, membership & online ticketing platform.

Admin panel, event discovery platform & ticket purchasing.

Deployed a dynamic image resizing architecture on AWS using Thumbor, Lambda Serverless & CloudFront that had a great impact on loading speed (up to 15x faster).

SEO optimization & custom dashboard for Google Analytics using Data Studio.

Constantly improving the UX/UI of the product.

Knex.js AWS React | Next.js | React Native | Redux | SEO | Node.js | MySQL |

Experience

Full Stack LAMP Developer



SdV Plurimedia

France ?

Nov. 2008 - May 2017 · 9 years

► Top 10 French newspapers (Millions of daily visitors): LeParisien.fr, LePoint.fr, LesEchos.fr

Developed custom CMS & dynamic websites for the newspaper industry for almost 9 years. Learned to work in a large-scale infrastructure & follow high quality standards.

Backend: PHP CSV SSO | MySQL | Symfony framework | Laravel SVN Git XML cron OAuth Bash Scripting | ElasticSearch Facebook API **Payment Gateways**

Frontend: Javascript JQuery AJAX HTML5 CSS3 HTTPS **SEO** Responsive Design

Web Developer Training



IRCAD - WeBSurg

France ?

Sept. 2007 - Sept. 2008 · 1 year

Leading international Medical Research Institute: IRCAD - WeBSurg

Website & internal tools development: geolocation map with Google Maps, email filtering & dynamic generation of seating course map.



Web Developer Internship



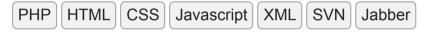
(IPMEDIA IP-Media

France ?

April 2007 - August 2007 · 5 months

Videoconferencing software

Admin panel & Jabber server web-interface.



Projects

Web3 Developer



NewToWeb3

Remote 💜

Oct 2024 - Nov 2024 · 2 mos

- Event designed to onboard newcomers to Ethereum through interactive, real-world experiences. Organized alongside OrnellaWeb3, I've built a custom PWA for the event in just six weeks as a side project.
- Simple, engaging UX/UI tailored for first-time Ethereum users.
- Multilingual support for accessibility and global reach.
- Seamless event onboarding, including program details, sponsors, planning, and social interactions.
- Fun, hands-on onchain quests such as acquiring your first crypto, minting a POAP & NFT, getting an ENS on Base, and swapping tokens.

Links: App | Technical Recap | GitHub repo | Event video | Event recap



Online Hackathon



Onchain Summer

Challenge Remote 🜍

June 2024

Onboarding Challenge hackathon project for Base Onchain Summer Challenge.

Going onchain in less than 60 seconds via a Coinbase Smart Wallet.



Hackathon



Peermatch

ETHGlobal Lisbon May 2023 • Tinder-like app to find peers, co-founders, mentors or teams to hack with.

Winner: Optimism Silver (Decentralize Our Identities), Worldcoin Pool Prize, The Graph Pool Prize

EAS The Graph ΑI Lens Protocol Optimism Worldcoin Airstack

Projects

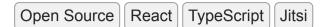
Founder - Developer



Hong Kong P

→ Open source online gaming platform with built-in videoconference.

Side project based on Jitsi developed during COVID-19 to have fun with friends online.



Product - Mobile Dev



CoinMarketNews



June 2018 · 3 weeks

 Cryptocurrency Tracking Mobile App for iOS & Android. Built this project in 3 weeks as a Capstone Project during a Coding Bootcamp.

App features: Price on over 1600 coins in multiple currencies, favorites tracking, coin price sorting, news with coin tagging, custom news/price alerts, simple UI, efficient UX & dark mode.

First experience of building a Mobile App from scratch. Designed the project from end to end: prototype, architecture, development, deployment & marketing page.



Product - Developer



May 2018 · 1 week

• Easy to use educational tool to interact with your audience during a presentation.

Product features: Create a dynamic slideshow. Live interaction during presentation with integrated drawing tool, Q&A & live polling charts using WebSocket. Mobile Web App to ask questions & vote.



Web Developer Volunteer



Go Find Your SELF



June 2017 - Sept. 2017 · 4 months

· Wordpress blog about personal development coaching.

Built this project from scratch in a fully remote environment for a friend: design, advising & development.



Web Developer Volunteer



WeBelong Foundation



International, cutting-edge platform for sustainable lifestyle & innovation.

Helped finalize the website before a major conference in China: transferred the website to a new hosting platform, fixed issues for desktop & mobile & improved loading speed by 10 times.



Founder - Developer



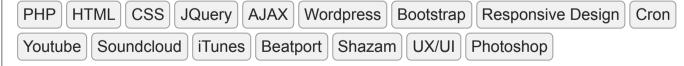
Next Sound

France 📍

June 2010 - Present

Personal project about electronic music news.

Custom made responsive admin panel & automatic music importation via API.



DJ - Developer



Digital Krux



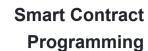
May 2007 - Present

Personal DJ website based on Wordpress.

Synchronized RSS feed to iTunes Podcast.



Education





Ivan on Tech Academy



2019

Programming Smart Contracts & building DApps on Ethereum, EOS & NEM. Use of Developer Tools. Deployment to Test Net & Main Net.



Blockchain Deep Fundamentals

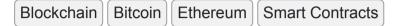


Ivan on Tech Academy



2018

Benefits of using Blockchain, Cryptography, Bitcoin & Ethereum Basics, Scaling, Consensus Algorithms & Mining, UTXO Model, Tokens, ICO, Smart Contracts & Blockchain Use Cases.

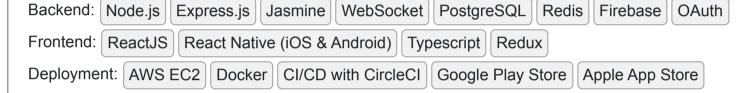


Full Time Immersive Coding Bootcamp



March 2018 - June 2018 · 4 months

Full Time 16-week Immersive Coding Bootcamp with 1000+ hours of learning how to build Modern Web & Mobile Applications.





Bachelor's Degree in Computer Science & Software, Distributed System Designer-Developer France ? · 2008



Associate Degree in Computer Science



Personal skills



- ► INFJ personality type (Advocate).
- · Growth mindset, learning attitude & constant improving.
- Flexible, adaptive to new challenges & ready to take ownership.
- Very creative & likes to think outside-the-box.
- Good communicator & team player. Happy to learn from others or mentor junior team members.
- Attentive to details, passionate to build beautiful interfaces & user experience that spark joy



Languages

- Native in French
- Working proficiency in English
- Limited working proficiency in German