







Didier Krux

Web3 Developer

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

French, 38

twitter.com/didierkrux 
linkedin.com/in/didierkrux 
github.com/didierkrux 
portfolio: didierkrux.com 

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
- AI-powered assistant (Discord, Telegram, Twitter) that answers crypto related questions and links users to relevant lessons

React TypeScript Next.js PostgreSQL Chakra UI ethers.js Notion API ENS NFTs AI

Level 2 Contributor



BanklessDAO

Remote 

May 2021 - Nov 2023 · 2 years 7 months

- 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)

Hong Kong  · Remote 

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.

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

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

MySQL

Symfony framework

Laravel

SVN

Git

XML

CSV

cron

SSO

OAuth

Bash Scripting

ElasticSearch

Facebook API

Payment Gateways

Frontend:

Javascript

JQuery

AJAX

HTML5

CSS3

Responsive Design

HTTPS

SEO

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.

PHP

HTML

CSS

Javascript

XML

CSV

Google API

Web Developer Internship



IP-Media

France

April 2007 - August 2007 · 5 months

- Videoconferencing software

Admin panel & Jabber server web-interface.

PHP

HTML

CSS

Javascript

XML

SVN

Jabber

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](#)

Next.js

TypeScript

PWA

Ethereum

Web3

Multilingual

UX/UI

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.

React

TypeScript

Next.js

Coinbase Smart Wallet

Paymaster

NFTs

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
- AI

Lens Protocol

Optimism

EAS


The Graph

Worldcoin

Airstack

Projects

Founder - Developer

 VirtualGames

Hong Kong

April 2020

- Open source online gaming platform with built-in videoconference.
- Side project based on Jitsi developed during COVID-19 to have fun with friends online.
- Open SourceReactTypeScriptJitsi

Product - Mobile Dev


 CoinMarketNews

Hong Kong

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.
- Node.jsPostgreSQLscraping toolscronDockerAWSRESTful APIReact NativeNative BaseOneSignalRedux

Product - Developer


 Pieneer

Hong Kong

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.
- UX/UINode.jsWebSocketJQueryChart.jsMobile Web AppResponsive Design

Web Developer Volunteer

 Go Find Your SELF

Remote

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.
- PHPHTMLCSSWordpressFusion BuilderResponsive DesignMailChimp

Web Developer Volunteer


 WeBelong Foundation

Remote

Oct 2016 · 1 month

- 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.
- PHPHTMLCSSWordpressResponsive Design

Founder - Developer


 Next Sound

France

June 2010 - Present

- Personal project about electronic music news.
- Custom made responsive admin panel & automatic music importation via API.
- PHPHTMLCSSJQueryAJAXWordpressBootstrapResponsive DesignCronYoutubeSoundcloudiTunesBeatportShazamUX/UIPhotoshop

DJ - Developer

 Digital Krux


France

May 2007 - Present


- Personal DJ website based on Wordpress.
- Synchronized RSS feed to iTunes Podcast.
- PHPHTMLCSSWordpressRSS FeedPhotoshop

Education

Smart Contract Programming



Ivan on Tech Academy

Remote 

2019

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

DApps

Smart Contracts

Ethereum

Solidity

web3.js

MetaMask


EOS

EOSIO.CDT


NEM

NEM-sdk

Blockchain Deep Fundamentals



Ivan on Tech Academy

Remote 

2018

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

Blockchain

Bitcoin

Ethereum

Smart Contracts

Full Time Immersive Coding Bootcamp



Accelerate

Hong Kong 

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.

Backend:

Node.js

Express.js

Jasmine

WebSocket

PostgreSQL

Redis

Firebase

OAuth

Frontend:

ReactJS

React Native (iOS & Android)

Typescript

Redux

Deployment:


AWS EC2

Docker


CI/CD with CircleCI

Google Play Store

Apple App Store



Institut Universitaire de Technologie Robert Schuman

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



Institut Universitaire de Technologie Robert Schuman

Associate Degree in Computer Science
France  · 2007

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