







Didier Krux

Fullstack Web3 Developer

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

French, 38

twitter.com/didierkrux 
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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:

PHPMySQLSymfony frameworkLaravelSVNGitXMLCSVcronSSO

OAuthBash ScriptingElasticSearchFacebook APIPayment Gateways

Frontend:

JavascriptJQueryAJAXHTML5CSS3Responsive DesignHTTPSSEO

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.

PHPHTMLCSSJavascriptXMLCSVGoogle API

Web Developer Internship



IP-Media

France

April 2007 - August 2007 · 5 months

• Videoconferencing software

Admin panel & Jabber server web-interface.

PHPHTMLCSSJavascriptXMLSVNJabber

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.jsTypeScriptPWAEthereumWeb3MultilingualUX/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.

ReactTypeScriptNext.jsCoinbase Smart WalletPaymasterNFTs

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

AILens ProtocolOptimismEASThe GraphWorldcoinAirstack

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

<div></div> <div>Smart Contract Programming</div> <div>Ivan on Tech Academy</div> <div>Remote </div> <div>2019</div>	<p>Programming Smart Contracts & building DApps on Ethereum, EOS & NEM. Use of Developer Tools. Deployment to Test Net & Main Net.</p> <div><div>DApps</div><div>Smart Contracts</div><div>Ethereum</div><div>Solidity</div><div>web3.js</div><div>MetaMask</div><div>EOS</div><div>EOSIO.CDT</div><div>NEM</div><div>NEM-sdk</div></div>
<div></div> <div>Blockchain Deep Fundamentals</div> <div>Ivan on Tech Academy</div> <div>Remote </div> <div>2018</div>	<p>Benefits of using Blockchain, Cryptography, Bitcoin & Ethereum Basics, Scaling, Consensus Algorithms & Mining, UTXO Model, Tokens, ICO, Smart Contracts & Blockchain Use Cases.</p> <div><div>Blockchain</div><div>Bitcoin</div><div>Ethereum</div><div>Smart Contracts</div></div>
<div></div> <div>Full Time Immersive Coding Bootcamp</div> <div>Accelerate</div> <div>Hong Kong </div> <div>March 2018 - June 2018 · 4 months</div>	<p>Full Time 16-week Immersive Coding Bootcamp with 1000+ hours of learning how to build Modern Web & Mobile Applications.</p> <div><div>Backend:</div><div>Node.js</div><div>Express.js</div><div>Jasmine</div><div>WebSocket</div><div>PostgreSQL</div><div>Redis</div><div>Firebase</div><div>OAuth</div><div>Frontend:</div><div>ReactJS</div><div>React Native (iOS & Android)</div><div>Typescript</div><div>Redux</div><div>Deployment:</div><div>AWS EC2</div><div>Docker</div><div>CI/CD with CircleCI</div><div>Google Play Store</div><div>Apple App Store</div></div>
<div></div> <div>Institut Universitaire de Technologie Robert Schuman</div>	Bachelor's Degree in Computer Science & Software , Distributed System Designer-Developer France  · 2008
<div></div> <div>Institut Universitaire de Technologie Robert Schuman</div>	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