



# Didier Krux

## Web3 Developer




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

French, 35

- twitter.com/didierkrux
- linkedin.com/in/didierkrux
- github.com/didierkrux
- portfolio: krux.co

## Experience

### 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
- Serverless

### 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



### 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


## Founder - Developer

 VirtualGames.fun  
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 Source React TypeScript Jitsi

## Product - Mobile Developer

 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.js PostgreSQL scraping tools cron Docker AWS RESTful API React Native  
Native Base OneSignal Redux

## Product - Developer



 Pieneer.live  
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/UI Node.js WebSocket JQuery Chart.js Mobile Web App Responsive 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.

PHP HTML CSS Wordpress Fusion Builder Responsive Design MailChimp

## 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.

PHP HTML CSS Wordpress Responsive 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.

PHP HTML CSS JQuery AJAX Wordpress Bootstrap Responsive Design Cron  
Youtube Soundcloud iTunes Beatport Shazam UX/UI Photoshop

## DJ - Developer

 Digital Krux  
France   
May 2007 - Present

▸ Personal DJ website based on Wordpress.

Synchronized RSS feed to iTunes Podcast.

PHP HTML CSS Wordpress RSS Feed Photoshop

# 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



- ENFJ personality type.
- 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