



# Didier Krux


## Full Stack Developer

10+ years of experience in high traffic newspaper websites & startups.  
Passionate about new technologies, music & blockchain.

French, 34  
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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.

ReactTypeScriptRedux-SagaNode.jsWebSocketRedisPostgreSQLPythonNLP

Material UIstyled-componentsMixpanelJitsiGrafanaNginxAWSServeless

### 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.

ReactNext.jsReact NativeReduxSEONode.jsMySQLKnex.jsAWS

### 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

## 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 SourceReactTypeScriptJitsi

## 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.jsPostgreSQLscraping toolscronDockerAWSRESTful APIReact NativeNative BaseOneSignalRedux

## 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/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



- [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