



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.

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

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



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



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



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



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



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