



Didier Krux

Full Stack Developer

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

French, 34

2-year HK Employment Visa

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Portfolio: krux.co

Experience

Full Stack Blockchain Engineer



Blockchain Company

Hong Kong

available immediately

▸ For my next role, I am looking to work as a Full Stack Engineer in the **Blockchain** industry.

Thanks to my work experience, I have the skills to bootstrap a robust project from end to end, in no time, using the latest technologies.

Over the past 2 years, I have also been accumulating knowledge in my free time in various blockchain technologies, which I find very fascinating.

It is time that I put my skills & interests into use to contribute to the crypto revolution.

React TypeScript Node.js Blockchain Smart Contracts ...

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 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


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
- 我學緊廣東話