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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didier@krux.co ✉
linkedin.com/in/DidierKrux
Portfolio: krux.co 🖥

Experience

Full Stack Blockchain Engineer
Blockchain Company
Hong Kong 📍
1-month notice

‣ For my next job, I am looking to work as a Full Stack **Blockchain** Engineer.

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 📍
June 2019 - Present

‣ Video conferencing platform to run super interactive virtual meetings.

Admin panel & interactive videoconference Web App.
Setup & deployed a dedicated Jitsi videoconference server with live monitoring on AWS.
Writing technical specs, code review & 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 | Jitsi | AWS

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

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Projects

Founder - Developer
VG 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 Native 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

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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

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Web Developer Volunteer
Go Find Your SELF

Remote 🌍

June 2017 - Sept. 2017 · 4 months

‣ Wordpress blog about life 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

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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

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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

‣ 我學緊廣東話

Made with HTML-CSS: GitHub source code

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