

Karl Chong

Senior Web & Blockchain Developer



Personal Information

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Profile

- 6+ years of experience in building front-end side with javascript framework
- 3+ years of experience of blockchain developing including DeFi, Dao system, dex site, NFT minting, NFT market place and NFT staking on serveral net
- Develop high traffic, large scale and concurrent web applications using various server-side languages like Java, Python, Javascript, and PHP
- Ability to manage full implementation life cycle from technical requirements, solution design, development, testing, documentation through production roll out

Skills

Languages: Javascript / Typescript, Rust, Solidity, HTML5, CSS3, PHP, Java, Python, Ruby, Go, Dart, C/C++
Frameworks: React.js, Angular, Vue.js, React Native, Flutter, Next.js, Nuxt.js, Express.js, CodeIgniter, Laravel, Ruby on Rails, Django
DevOps: AWS services , GCP, CI/CD pipeline, Vercel
Services: RESTful/GraphQL API development, Stripe and BrainTree API, Apollo, Firebase, Git, Jira, Asana

Work Experiences

- Jan 2015 – Feb 2017 **Full-stack Developer**
QDS (Singapore)
- Developed many responsive websites using MERN stack, Next.js and Nuxt.js.
 - Integrated payment system for scheduling site – 30mins.com
 - Developed booking site with angularJS - <http://www.inhauze.com/>
 - Designed the React Native app to be a daul app and specifically made it so that it can be turned into an iOS app with minimal effort.
- Feb 2017 – Sep 2019 **Full-stack Developer & Front-end Lead**
OPTASY (Oakville Canada)
- Developed E-commerce platform using React for frontend and NodeJS for backend.
 - Developed Responsive Websites that could be served by desktop, Tablets and mobile devices using Vue.js and React.js.
 - Developed game site with Angular 12 and node.js.
 - Integrated payment system for product checkout using Authorize.net payment API.
 - Developed NFT market places like evolvingforest.io and genies application with the development of React/ Typescript / Next.js.
 - Worked with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
- Sep 2019 – **Blockchain Engineer & Project Manager**

Feb 2022

SPIRIA (Montreal Canada)

- Built first biggest NFT Marketplace of digital art on Binance Smart Chain. Used ERC-721, ERC-1155 both for NFT and BEP-20 for governance token.
- Developed whole smart contracts from scratch and past the Audit from SlowMist.
- Built token bridge between Binance and Ethereum so that users are able to migrate their NFTs from ETH to our platform.
- Implemented NFT fractionalization so that users are able to co-won NFT and decide further steps like sale, auction, airdrop together.
- Developed on-chain & off-chain governance protocol with FINE token so that users are able to make decision of adding new features and modifying current functionalities of platform.

Education

2008 – 2013

University of Montreal

M.A. in Computer Software Engineering

Projects

Dex Stie — <https://snowswap.org>

Blockchain Site

- Vue.js, Material UI
- Solidity
- Metamask, Phantom wallet
- Mocha

Buiness Site — <https://cloud-coach.jp>

Feel free to consulte

- Apach server
- VueJS
- Payment
- Core.js

Versured Site — <https://versured.com/>

Making insurance easier for everyone

- React

- HTML5/CSS/JAVASCRIPT
- API Integration
- Github, Git actions

Reasearch Site — <https://trulia.com/>

Discover a place where you love to live

- Next.js
- Express
- Stripe Payment
- TailwindCSS, Sass, Typescript
- Github, Git actions

Game — <https://lol-eloboosting.com/>

NFT market place

- Angular 12
- Typescript
- Node.js
- Particles.js
- Github, Git actions