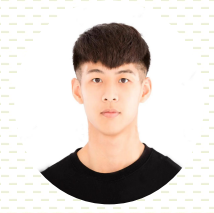# Karl Chong
Senior Web & Blockchain Developer

Personal Information

Email: kanbei0605@gmail.com   **Location**: Montreal QC Canada
PhoneNumber: +1708-701-7435   **Date**: 1990.6.5

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
- 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 & Project Manager
OPTASY (Oakville Canada)
- Developed E-commerce platform using React for frontend and NodeJS for backend.
- Built user Authentication and Authorization system using Auth API.
- Developed Responsive Websites that could be served by desktop, Tablets and mobile devices using Vue.js and React.js.
- Integrated payment system for product checkout using Authorize.net payment API.
- Worked with JEST unit test framework to write unit tests for JavaScript code.
- Worked closely with the back-end team to display data using the Custom Components, library Components, Redux thunk, Redux Saga.
- Worked with backend engineers to optimize existing API calls to create efficiencies by deprecating unneeded API calls.
- Involved in all agile ceremonies like: Daily stand-ups, Backlog pointing session, Planning session, retrospection etc.

- Implemented various screens for the frontend using React.js and used various predefined components from NPM (Node Package Manager) and redux library.
- Interacted with the Testing Team, Scrum Masters and Business Analysts to fix issues

Sep 2019 –
Dec 2021

Blockchain Engineer & Project Manager
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.
• Implement basic functionalities of NFT Marketplace such as sale, auction, airdrop and used proxy for service fee calculation.
• 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://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

NFT Site—https://piggygang.com/
NFT market place
- React
- Rust
- Stripe Payment
- Smart contract
- Github, Git actions